

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
1177	(+)-1,4-Androstadiene-3,17-dione	1498	(+/-)-Ketamine .HCl; 2-(2-Chlorophenyl)-2-(methylamino)cyclohex
140	(+)-11a-Hydroxyprogesterone, 95%		(+/-)-Octopamine .HCl, 98%
1221	(+)-2'-Deoxyuridine, 99+%	1104	(+/-)-Pantothenol
2999	(+)-2,3-O-Benzylidene-D-threitol	2541	(+/-)-
1291	(+)-2-Phenyl-1-propanol, 97%	2058	Tetracyclo[6.6.2.0(2,7).0(9,14)]hexadec
933	(+)-3-Nitro-L-tyrosine, 99%		a-2,4,6,9,11,13-he
833	(+)-4-Cholesten-3-one	579	(+/-)-a-Benzoin oxime, 99%
739	(+)-6-Aminopenicillanic acid, 96%	2290	(+/-)-cis-2-Methylcyclohexanol, 97%
2361	(+)-Arabinogalactan	2287	(+/-)-trans-1,2-Dibromocyclohexane, 99%
2545	(+)-Boldine .HCl; 1,10-Dimethoxyaporphine-2,9-diol .HCl	2289	(+/-)-trans-2-Methylcyclohexanol, 97%
86	(+)-Cycloheximide, 85+%	2828	(+/-)-trans-p-Menth-6-ene-2,8-diol, 98%
22	(+)-Dehydroisoandrosterone	3059	(-)-2,3-Butanediol di-p-tosylate
2833	(+)-Di-p-toluoyl-D-tartaric acid .H2O	1528	(-)-2-Amino-6-chloropurine riboside
141	(+)-Dihydrocholesterol, 98%	1572	(-)-6-Azauridine 2',3',5'-triacetate
1583	(+)-Diisopropyl L-tartrate, 99%	3008	(-)-6-Methylaminopurine riboside
119	(+)-Gibberellic acid, 90+%	574	(-)-7-Dehydrocholesterol
428	(+)-Griseofulvin	55	(-)-Adenosine
2775	(+)-Isopinocampheol, 99%	68	(-)-Adenosine 3',5'-cyclic monophosphate
2269	(+)-L-Leucyl-L-alanine .H2O	2110	(-)-Atropine sulfate .H2O
2174	(+)-L-Valine methyl ester .HCl, 99%	629	(-)-Cotinine; (-)-1-Methyl-5-(3-pyridyl)-2-pyrrolidinone
618	(+)-Longifolene, 98+%	2382	(-)-Cyclocytidine .HCl
1519	(+)-N(2)-Acetyl-L-lysine	3022	(-)-Diisopropyl D-tartrate, 99%
904	(+)-N-Acetyl-L-cysteine	2857	(-)-Dimethyl fumarate
1531	(+)-N-Acetyl-L-phenylalanine	640	(-)-Epicatechin
1615	(+)-N-Acetyl-L-tryptophanamide	1180	(-)-Hecogenin acetate
1520	(+)-N-Acetyl-L-tyrosinamide	56	(-)-Inosine, 99%
2367	(+)-N-Acetyl-a-D-glucosamine	1927	(-)-Kinetin riboside
2408	(+)-N-Acetylmuramic acid	43	(-)-L-Strychnine, 98%
1154	(-)-Pantothenic acid, Na salt	452	(-)-Lobeline .HCl, 97%
27	(+)-Pilocarpine .HCl, 98%	2908	(-)-Menthoxycetic acid, 98%
1014	(+)-S-Carboxymethyl-L-cysteine	2017	(-)-Methyl-b-D-arabinopyranoside
1704	(+)-S-Trityl-L-cysteine, 97%	668	(-)-Mimosine; Leucenol
2300	(+)-Usnic acid; 2,6-Diacetyl-7,9-dihydroxy-8,9b-dimethyl-1,3(2H	485	(-)-N(a)-Benzoyl-L-arginine, 99%
93	(+)-Vitamin D3, 99+%	1329	(-)-N-Acetyl-L-glutamic acid
251	(+)-a-Methylglucoside, 99%	1822	(-)-N-Benzoyl-L-tyrosine ethyl ester
1274	(+)-g-L-Glutamyl-L-glutamic acid	1123	(-)-Norgestrel; 13-Ethyl-17-hydroxy-18,19-dinorpregn-4-en-20-yn
2021	(+/-)-1,2-Diphenyl-2-propanol	1019	(-)-Quebrachitol
1282	(+/-)-1,2-Dodecanediol, 97%	1328	(-)-S-Methyl-L-cysteine
221	(+/-)-1-Phenyl-1,2-ethanediol, 97%	1747	(1-Naphthoxy)acetic acid, 98%
1066	(+/-)-1-Phenyl-2-pentanol, 99%	2892	(1R)-(+)-Nopinone
1560	(+/-)-2-Bromo-1-phenylpropane, 96%	2853	(1R)-(-)-Dimethyl succinate; (-)-Bis(p-menth-1-yl) succinate
2108	(+/-)-2-Bromopropionamide	694	(1R)-(-)-Myrtenol
2782	(+/-)-2-Butyl tiglate; 1-Methylpropyl (E)-2-methyl-2-butenate	2741	(1R,2R,3R,5S)-(-)-Isopinocampheol, 98%
1411	(+/-)-2-Chlorocyclohexanol, tech.	2676	(1R,2R,3S,5R)-(-)-Pinediol; (-)-2,6,6-Trimethylbicyclo[3.1.1]
2777	(+/-)-2-Chloropropionamide, 98%	1579	(1R,2S,5R)-(-)-Menthol
1414	(+/-)-2-Phenyl-2-butanol, 99%	128	(1R,3R,4R,5R)-(-)-Quinic acid, 98%
2878	(+/-)-3-Methoxy-1,2-propanediol, 98%	425	(1R,3S)-(+)-Camphoric acid, 99%
2245	(+/-)-3-Methyl-2-norbornanemethanol, 93%	1701	(1S)-(+)-Camphorquinone
816	(+/-)-3-Methylcyclohexanone, 97%	3109	(1S)-(+)-Dimethyl succinate; (+)-Bis(p-menth-1-yl) succinate
2640	(+/-)-4-Methoxymandelic acid	3032	(1S)-(-)-3-bromocamphor, endo-
968	(+/-)-5-Methyl-2-hexanol, 98%		
2393	(+/-)-Camphoroquinone, 97%		
2395	(+/-)-Dimethyl acetylsuccinate		
1027	(+/-)-Hydrobenzoin		

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

  
**Nicolet Standard Collection of FT-IR Spectra**

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
753	(1S)-(-)-Myrtenal, 98%	2956	(R)-(-)-Leucinol; (R)-(-)-2-Amino-4-methyl-1-pentanol
2690	(1S,2R,5R)-(+)-Isomenthol, 99%	876	(R)-(-)-Mandelic acid, 99+%
2508	(1S,2R,5S)-(+)-Menthol, 99%	2639	(R)-(-)-Methyl mandelate, 99+%
2942	(1S,2S)-(+)-2-Amino-3-methoxy-1-phenyl-1-propanol	2937	(R)-(-)-O-Acetylmandelic acid, 99%
2602	(1S,2S,3R,5S)-(+)-Pinanediol; (+)-2,6,6-Trimethylbicyclo[3.1.1]	828	(R)-(-)-Pantolactone, 99%
1580	(1S,2S,5R)-(+)-Neomenthol, 97%	2555	(R*,R*)-(+)-Thiomicamine
1832	(2,2-Dichloro-1-methylcyclopropyl)benzene	1920	(S)-(+)-1,2-Propanediol
1635	(2,2-Dichlorocyclopropyl)benzene, 97%	2749	(S)-(+)-1-Phenyl-1,2-ethanediol
1239	(2,2-Dimethylpropyl)benzene	1391	(S)-(+)-2-Aminobutyric acid, 98%
1477	(2,5-Dimethoxyphenyl)acetic acid, 97%	3049	(S)-(+)-2-Chloro-1-phenylethanol
1718	(2-Fluorophenyl)acetone, 99%	2150	(S)-(+)-2-Octanol
3086	(2-Naphthoxy)acetic acid, N-hydroxysuccinimide ester, 98%	3099	(S)-(+)-3-Hydroxytetrahydrofuran
1432	(2.2)Paracyclophane	2114	(S)-(+)-Benzoin
750	(2E,6Z)-2,6-Nonadienal	2450	(S)-(+)-Ethyl mandelate; (S)-(+)-Ethyl a-hydroxyphenylacetate
2926	(2R,4R)-(-)-Pentane-2,3-diol, 99%	3012	(S)-(+)-Hexahydromandelic acid
2610	(2S,3S)-(+)-2,3-Butanediol	2565	(S)-(+)-Mandelic acid, 99+%
2471	(2S,5R)-(-)-Menthone, 85%	2656	(S)-(+)-Methyl mandelate, 99+%
219	(3,4-Dimethoxyphenyl)acetonitrile, 98%	2271	(S)-(+)-a-(Acetoxy)phenylacetic acid, 99%
599	(4-Fluorophenyl)acetone, 98%	1739	(S)-(+)-a-Phenylglycine, 99%
3108	(4R)-(+)-4-Isopropyl-2-oxazolidinone	2931	(S)-(-)-1,1-Diphenyl-1,2-propanediol
2557	(4S)-(-)-4-Isopropyl-2-oxazolidinone	3010	(S)-(-)-1,2-Propanediol di-p-tosylate
2863	(4S,5S)-(+)-5-Amino-2,2-dimethyl-4-phenyl-1,3-dioxane, 98%	2669	(S)-(-)-1-Phenyl-1-butanol; (S)-(-)-a-Propylbenzyl alcohol
2959	(4S,5S)-(-)-2-Methyl-5-phenyl-2-oxazoline-4-methanol, 99%	3117	(S)-(-)-1-Phenyl-1-decanol
2554	(Dimethylaminomethylene)malononitrile	1781	(S)-(-)-2-Amino-3-phenyl-1-propanol, 98%
3000	(E)-3-Bromo-N-ethylcinnamide	3066	(S)-(-)-5-(Hydroxymethyl)-2(5H)-furanone
2641	(E)-4-Chloro-3-nitrocinnamic acid	3102	(S)-(-)-Atenolol
2980	(E)-5-Decen-1-ol	541	(S)-(-)-Cycloserine, 99%
1146	(E)-a-Methylstilbene	23	(S)-(-)-Nicotine, 98%
1898	(E,E)-Farnesyl acetate; (E,E)-3,7,11-Trimethyl-2,6,10-dodecatri	2759	(S)-(-)-3-Indolylisothiuronium iodide, 97%
2671	(R)-(+)-1-Phenyl-1-butanol; (R)-(+)-a-Propylbenzyl alcohol	2083	(Z)-11-Eicosenoic acid
2009	(R)-(+)-2-Amino-3-phenyl-1-propanol	1419	(Z)-2-Penten-1-ol
3113	(R)-(+)-4-Benzyl-2-oxazolidinone	2390	(Z)-3-Nonen-1-ol
2981	(R)-(+)-Atenolol	2396	1,1'-Azobis(N,N-dimethylformamide), 98%
1618	(R)-(+)-Citronellal; (R)-(+)-3,7-Dimethyl-6-octenal	834	1,1'-Bi-2-naphthol, 99%
98	(R)-(+)-Cycloserine, 98%	2147	1,1'-Thiocarbonyldiimidazole, tech., 90%
3013	(R)-(+)-Isobutyl lactate; 2-Methylpropyl 2-hydroxypropionate	125	1,1,1-Tris(hydroxymethyl)ethane, tech.
1404	(R)-(+)-Methyl p-tolyl sulfoxide	995	1,1,3,3-Tetramethylurea, 99%
2904	(R)-(-)-1,1'-Binaphthyl-2,2'-diyl hydrogen phosphate, 99%	1001	1,1-Diethylurea, 99%
2536	(R)-(-)-1-Phenyl-1,2-ethanediol	282	1,1-Dimethyl-3-phenylurea
2982	(R)-(-)-2-Chloro-1-phenylethanol	2796	1,1-Diphenyl-2-propanol, 98%
2124	(R)-(-)-2-Octanol	1117	1,1-Diphenylacetone, 98%
1209	(R)-(-)-2-Phenylbutyric acid	830	1,1-Diphenylethanol
2204	(R)-(-)-Carvone, 98%	713	1,1-Diphenylethylene, 97%
2158	(R)-(-)-Citramalic acid; (R)-(-)-2-Hydroxy-2-methylbutanedioic	1047	1,10-Decanedicarboxylic acid, 99%
2410	(R)-(-)-Ethyl mandelate; (R)-(-)-Ethyl a-hydroxyphenylacetate	366	1,10-Decanediol, 99%
2958	(R)-(-)-Hexahydromandelic acid	1896	1,10-Dibromodecane, 97%
		2537	1,10-Diiododecane, 97%
		2001	1,10-Phenanthroline .H2O, 99+%
		85	1,10-Phenanthroline, 99+%
		2550	1,11-Dibromoundecane, 98+%
		1799	1,12-Dibromododecane, tech
		2618	1,14-Tetradecanediol

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

  
Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
2687	1,16-Hexadecanediol, 98%	1867	1,3-Cyclopentanedione, 97%
1437	1,2,3,4,5,6,7,8-Octahydroacridine, 97+%	930	1,3-Di-p-tolyl-2-thiourea
1885	1,2,3,4,5-Pentamethylcyclopentadiene, 95%	2032	1,3-Diacetyl-2-imidazolidinone
1661	1,2,3,4,5-Pentaphenyl-1,3-cyclopentadiene	2226	1,3-Diacetylbenzene, 99%
1458	1,2,3,4-Butanetetra-carboxylic acid, 99%	1489	1,3-Diallylurea
3041	1,2,3,6,7,8,11,12-Octahydrobenzo[e]pyren-9(10H)-one, 99+%	2246	1,3-Dibenzyloxy-2-propanol; Glycerol 1,3-dibenzyl ether
1473	1,2,3,6,7,8-Hexahydropyrene	2007	1,3-Diethyl-2-thiobarbituric acid, 99%
3114	1,2,3-Heptanetriol	139	1,3-Dimethyl-2-imidazolidinone, 98%
1000	1,2,3-Trimethoxybenzene, 98%	1062	1,3-Dimethyladamantane, 99+%
886	1,2,4-Triacetoxycyclohexane, 97%	1103	1,3-Dimethylbarbituric acid
458	1,2,4-Trimethoxybenzene, 97%	766	1,3-Dimethylnaphthalene, 98%
1722	1,2,4-Trivinylcyclohexane	246	1,3-Dimethylurea, 98%
2766	1,2,5,6-Diepoxyoctane, 97%	1213	1,3-Dimethyluric acid, 99%
320	1,2,6-Trihydroxyhexane	1888	1,3-Dioctadecylurea
1684	1,2-(Methylenedioxy)-4-nitrobenzene, 98%	2156	1,3-Dioxane-5,5-dimethanol, 97%
880	1,2-Benzenedimethanol, 97%	1805	1,3-Diphenoxybenzene, 99+%
509	1,2-Benzisoxazole, 95%	2619	1,3-Diphenylacetone p-tosylhydrazone, 98%
499	1,2-Benzodiphenylene sulfide, 99%	290	1,3-Diphenylacetone, 99%
1362	1,2-Bis(2-pyridyl)ethylene	847	1,3-Indandione, 97%
1979	1,2-Bis(4-pyridyl)ethane, 97%	2077	1,3-Propanediol di-p-tosylate
2754	1,2-Butanediol, 98%	681	1,3-Propanediol, 98%
649	1,2-Cyclohexanedione dioxime, 97%	2111	1,4,5,8,9,10-Hexahydroanthracene, 99%
1093	1,2-Cyclohexanedione, 98%	1928	1,4-Anhydroerythritol
2774	1,2-Cyclooctanediol, cis-	807	1,4-Benzenedimethanol, 99%
1988	1,2-Cyclopentanediol, cis-	651	1,4-Benzodioxan, 97%
1989	1,2-Cyclopentanediol, trans-	1730	1,4-Benzodioxan-6-yl methyl ketone, 98%
1281	1,2-Decanediol, 98%	416	1,4-Bis(2-hydroxyethyl)piperazine, 99%
2889	1,2-Dibenzoylcyclopropane, trans-	312	1,4-Cyclohexanedimethanol, 99%, mixture of cis and trans
583	1,2-Dihydronaphthalene, tech., 75%	1011	1,4-Cyclohexanedione, 98%
1072	1,2-Dimethoxy-4-nitrobenzene, 99%	2601	1,4-Dibromo-1,1,2,2-tetrafluorobutane
1170	1,2-Dimethylindole, 99%	1967	1,4-Dichlorophthalazine
762	1,2-Dimethylnaphthalene, tech., 90%	2896	1,4-Diisopropyl-1-cyclohexene
308	1,2-Diphenoxyethane, 99%	758	1,4-Dimethylnaphthalene, 99%
2600	1,2-O-Isopropylidene-D-glucopyranose, 98%	1974	1,4-Dioxane-2,3-diol, 98%
2022	1,2-Pentanediol, tech., 95%	966	1,4-Pentanediol, 99%
48	1,2-Propanediol, 99%	2533	1,4-Phenylenediacrylic acid, 97%
2654	1,2-Tetradecanediol, 95%	1918	1,4-Phenylenedipropionic acid, 98%
2214	1,3,3-Trimethoxybutane, 97%	1904	1,4-Piperazinedicarboxaldehyde
1374	1,3,5-Tri-t-butylbenzene, 97%	3039	1,5-Decalindiol, 98%, mixture of isomers
962	1,3,5-Tribromobenzene, 98%	147	1,5-Dichloroanthraquinone, 96%
1076	1,3,5-Triisopropylbenzene, 97%	2977	1,5-Dimethyl-2-pyrrolicarbonitrile, 99%
884	1,3,5-Triphenylbenzene, 97%	759	1,5-Dimethylnaphthalene, 98%
728	1,3-Acetonedicarboxylic acid, 99%	353	1,5-Pentanediol, 99%
2586	1,3-Adamantanedicarboxylic acid, 97%	767	1,6-Dimethylnaphthalene, 99%
2899	1,3-Adamantanedicarboxylic acid	490	1,7-Dioxaspiro[5.5]undecane
960	1,3-Benzenedimethanol, 98%	978	1,7-Heptanediol, 95%
1143	1,3-Benzenedisulfonic acid, disodium salt, tech., 90%	498	1,7-Phenanthroline
2120	1,3-Bis(dimethylamino)-2-propanol, 98%	146	1,8-Dichloroanthraquinone, 97%
2781	1,3-Bis(phenylthio)propane	757	1,8-Dimethylnaphthalene
1275	1,3-Butanediol diacetate, tech., 90%	145	1,8-Naphthalimide, 99%
677	1,3-Cyclohexanedione, 97%	151	1,8-Naphthosultone
		979	1,8-Octanediol, 96%
		1953	1,9-Dibromononane, 97%
		2422	1-(1-Adamantyl)urea
		2131	1-(2-Aminophenyl)pyrrole, 98+%

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
1401	1-(2-Methoxyphenyl)-2-thiourea	361	1-Bromodecane, 98%
2868	1-(2-Methoxyphenyl)piperazine, 98%	196	1-Bromonaphthalene, 99%
2448	1-(2-Thienyl)-1-propanone, 99%	1050	1-Bromononane, 99%
2611	1-(3,4-Dichlorophenyl)-2-thiourea, tech.	374	1-Bromooctadecane, 96%
2742	1-(3-Aminopropyl)-2-pipecoline, 96%	981	1-Bromopentadecane, 98%
3078	1-(4-Chlorophenyl)-1-cyclopentanemethanol, 98%	1621	1-Butanesulfonic acid, sodium salt .H2O, 98%
1594	1-(4-Methoxyphenyl)-2-thiourea, 98%	900	1-Chloro-2-iodobenzene, 99%
1844	1-(4-Nitrophenyl)-2-thiourea, 98%	1070	1-Chloro-3,5-dimethyladamantane
1295	1-(Pyrrolidino)-1-cyclohexene, tech., 90%	3007	1-Chloro-3-cyclohexylpropane
2510	1-(o-Methoxyphenyl)-2-propanol, 98%	959	1-Chloro-3-iodobenzene, 98%
3057	1-(p-Tosyl)-3,4,4-trimethylimidazolidine	307	1-Chloro-3-phenylpropane; (3-Chloropropyl)benzene
2173	1-Acenaphthenol, 99%	1010	1-Chloro-4-iodobenzene, 99%
3033	1-Acetamidopyrene	1530	1-Chloro-6-hydroxyhexane, 95%
1198	1-Acetyl-1-cyclohexene, 97%	1203	1-Chloroadamantane
1776	1-Acetyl-2-methyl-1-cyclopentene	1982	1-Chloroanthracene
377	1-Acetyl-2-phenylhydrazine, 98%	1231	1-Chlorodecane, 95%
2827	1-Acetyl-4-piperidone, 99%	1975	1-Chlorohexadecane, 99%
2845	1-Acetyl-5-nitroindoline	356	1-Chlorooctane, 99%
1650	1-Acetylimidazole, 98%	2681	1-Cyclopenteneacetone nitrile, 95%
1100	1-Adamantanamine, 97%	1973	1-Decalone, mixture of cis & trans
2686	1-Adamantanecarbonitrile, 97%	2437	1-Decanesulfonic acid, sodium salt, 98%
1136	1-Adamantanecarboxylic acid, 99%	1620	1-Dodecanesulfonic acid sodium salt, 99+%
2160	1-Adamantaneethanol, 98%	985	1-Eicosanol, 98%
1106	1-Adamantanemethanol, 99%	1815	1-Eicosene, tech.
2587	1-Adamantanemethylamine, 98%	2369	1-Ethyl-2-benzimidazolinone
1101	1-Adamantanol, 99%	2919	1-Ethyl-3-piperidone .HCl, 97%
1438	1-Adamantyl methyl ketone, 99%	1299	1-Ethyl-naphthalene, 99+%
316	1-Allyl-3-(2-hydroxyethyl)-2-thiourea	2164	1-Fluorene-carboxylic acid, 97%
1699	1-Amino-1-cyclohexanecarboxylic acid, 98%	1392	1-Fluoro-2-nitrobenzene, 99%
635	1-Amino-1-deoxy-D-sorbitol	569	1-Fluoro-3-nitrobenzene, 97%
1877	1-Amino-4-(2-hydroxyethyl)piperazine, 96%	1371	1-Heptadecanol, 98%
144	1-Amino-4-bromo-2-methylanthraquinone, 99%	2684	1-Heptanesulfonic acid, sodium salt, 98%
1597	1-Amino-4-bromonaphthalene, 97%	690	1-Hexacosanol
1962	1-Amino-4-chloronaphthalene, 98%	982	1-Hexadecene, 94%
2912	1-Amino-4-methylpiperazine .2HCl .H2O	1708	1-Hexanesulfonic acid, sodium salt, 98%
1110	1-Amino-4-nitronaphthalene	1992	1-Hydroxy-2-butanone
1584	1-Amino-5,6,7,8-tetrahydronaphthalene, tech., 90%	1679	1-Hydroxybenzotriazole
3036	1-Amino-7-nitrofluorene	152	1-Indanone, 99+%
3024	1-Aminopyrrolidine .HCl, 98%	2763	1-Isopropyl-1-(m-tolyl)urea, tech.
1663	1-Aza-2-methoxy-1-cycloheptene, 99%	630	1-Isoquinolinecarboxylic acid, 99%
224	1-Benzoylacetone, 98%	2651	1-Methallyl-3-methyl-2-thiourea, 98%
2459	1-Benzyl-2-methylimidazole, 97%	2975	1-Methoxy-2-indanol, 98%
1916	1-Benzylimidazole, 99%	1581	1-Methoxynaphthalene, 98+%
2963	1-Bromo-2-(2-methoxyethoxy)ethane	1289	1-Methyl-1-cyclohexanecarboxylic acid, 99%
1677	1-Bromo-2-methylnaphthalene, tech., 92+%	1686	1-Methyl-2-phenylbenzimidazole, 99+%
772	1-Bromo-2-nitrobenzene, 80%	2643	1-Methyl-2-piperidinemethanol
1211	1-Bromo-3,5-dimethyladamantane	1884	1-Methyl-2-tetralone, tech., 90%
1006	1-Bromo-3-phenylpropane, 95%	2765	1-Methyl-DL-tryptophan, 97%
801	1-Bromo-4-nitrobenzene	2000	1-Methyladenine, 99%
2966	1-Bromo-5-chloropentane, 98%	868	1-Methylanthracene
1099	1-Bromoadamantane, 99%	813	1-Methylcyclohexanol, 96%
		1377	1-Methylcyclopentanol, 99+%
		1465	1-Methylfluorene, 99%
		902	1-Methylhydantoin, 97%

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
2527	1-Methylindole-2-carboxylic acid	1640	11-Aminoundecanoic acid, 99%
1548	1-Methylisatin, 98%	1709	11-Bromoundecanoic acid, 99+%
1071	1-Methyluric acid	2265	11-Phenoxyundecanoic acid, 99%
164	1-Naphthaleneacetamide	1049	12-Aminododecanoic acid, 95%
1109	1-Naphthaleneethanol, 99%	1800	12-Bromo-1-dodecanol, 99%
1971	1-Naphthalenemethanol, 98%	2799	12-Doxylstearic acid
1141	1-Naphthyl acetate	684	12-Hydroxydodecanoic acid
1768	1-Naphthyl butyrate	1269	16-Dehydroprogesterone; 4,16-Pregnadiene-3,20-dione
1769	1-Naphthyl propionate	685	16-Hydroxyhexadecanoic acid, 98%
165	1-Naphthylacetic acid, 99%	109	17a-Acetoxy-6a-methylprogesterone; Medroxyprogesterone acetate
1670	1-Nitro-1-cyclohexene, 99%	1614	17a-Acetoxypregnenolone
967	1-Nitrobutane, 98%	2466	17a-Hydroxy-16b-methylpregnenolone
1370	1-Nonadecanol	100	17a-Hydroxyprogesterone; 17a-Hydroxy-4-pregnene-3,20-dione
2595	1-Nonadecene	514	1H-Tetrazole, 99+%
373	1-Octadecene, tech., 90%	2253	1O-Methylanthracene-9-carboxaldehyde
2015	1-Octanesulfonic acid sodium salt, 98%	2444	2',3',4'-Trichloroacetophenone, 95%
357	1-Octanol, 99%	2467	2',3',4'-Trimethoxyacetophenone, 96%
2431	1-Pentadecene, 98%	2248	2',3',5'-Triacetylguanosine
2683	1-Pentanesulfonic acid, sodium salt, anhydrous, 98%	2295	2',3'-Dideoxycytidine
393	1-Phenyl-1,2-propanedione 2-oxime, 99%	3045	2',3'-Dideoxyinosine
778	1-Phenyl-1,2-propanedione, 99%	1440	2',4',6'-Trimethylacetophenone, 98%
1202	1-Phenyl-1-cyclopropanecarbonitrile, 99%	1588	2',4'-Dichloroacetophenone
2134	1-Phenyl-1-decanone; Decanophenone	1137	2',4'-Dimethoxyacetophenone, 98%
2224	1-Phenyl-1-hexadecanone; Hexadecanophenone	1653	2',5'-Dichloroacetophenone, 96%
2227	1-Phenyl-1-octadecanone; Octadecanophenone	2871	2',5'-Dideoxyuridine
1447	1-Phenyl-1-octanone; Octanophenone; Octanoylbenzene	1338	2',5'-Dimethoxyacetophenone, 99%
1948	1-Phenyl-1-tetradecanone; Tetradecanophenone	1540	2',6'-Dimethoxyacetophenone
1240	1-Phenyl-2-butanone, 98%	1895	2'-Amino-4',5'-dimethoxyacetophenone
2493	1-Phenyl-2-propanol, 99%	2539	2'-Deoxyadenosine .H2O
2293	1-Phenyl-3,4-dihydronaphthalene	1881	2'-Deoxycytidine .HCl
2494	1-Phenyl-3-(2-thiazolyl)-2-thiourea, 97+%	581	2'-Fluoropropiophenone
29	1-Phenylbiguanide .HCl	779	2'-Methoxyacetophenone, 99%
289	1-Phenylbiguanide, 98%	771	2'-Methylacetophenone, 98%
1263	1-Phenylhexane, 97%	774	2'-Nitroacetophenone, 95%
845	1-Phenyl-naphthalene, 98%	510	2,1,3-Benzothiadiazole
1265	1-Phenyl-nonane, 97%	1490	2,2'-Biphenol, 99%
1568	1-Piperidinecarboxamide	1833	2,2'-Biphenyldimethanol
2829	1-Piperonylpiperazine, 95%	3044	2,2'-Bis(4,5-dimethylimidazole), tech., 70%
1406	1-Pyrrolidinecarbonitrile, 97%	648	2,2'-Bithiophene, 97%
1856	1-Pyrrolidinecarboxaldehyde, 97%	1223	2,2'-Dimethylbibenzyl
820	1-Triacontanol, 96%	1674	2,2'-Sulfonyldiethanol, 65 wt.% solution in water
2731	1-Vinylpyrrolidone/vinyl acetate copolymer	610	2,2,2-Triphenylacetophenone, 98%
1829	10,11-Dihydrocarbamazepine, 99%	1933	2,2,4,4,6,8,8-Heptamethylnonane, 98%
1773	10,11-Dihydrodibenz[b,f](1,4)oxazepin-11-one	2813	2,2,5,5-Tetramethyl-3,4(2H,5H)-furanone hydrazone oxime, 99%
2625	10-Chloro-9-anthracenemethanol, 97%	1846	2,2,5-Trimethyl-1,3-dioxane-4,6-dione, 98%
2404	10-Chloro-9-anthraldehyde, 97%	2976	2,2,6,6-Tetrachlorocyclohexanol, 98%
3112	10-DOXYL-nonadecane, free radical	1276	2,2,6,6-Tetramethyl-3,5-heptanedione, 95%
1452	10-Hydroxydecanoic acid	1632	2,2,6-Trimethylcyclohexanone, 95%
1077	10-Methyl-9(10H)-acridone, 98%	134	2,2-Bis(4-hydroxy-3-methylphenyl)propane
1553	11,14-Eicosadienoic acid	2029	2,2-Bis(chloromethyl)-1-propanol, 95%

**ThermoFisher**  
SCIENTIFIC

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

  
**Nicolet Standard Collection of FT-IR Spectra**

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
2708	2,2-Dimethoxy-2-phenylacetophenone, 99%	241	2,4-Dichlorotoluene, 99%
1535	2,2-Dimethyl-1,3-dioxane-4,6-dione, 98%	2756	2,4-Dihydroxy-5,6-dimethylpyrimidine
2866	2,2-Dimethyl-3(2H)-furanone	963	2,4-Dihydroxy-6-methylpyrimidine, 97%
1043	2,2-Dimethylglutaric acid, 98+%	3068	2,4-Dimethoxy-3-methylbenzyl alcohol
1507	2,2-Diphenylethanol, 99%	2714	2,4-Dimethyl-2,4-pentanediol
1113	2,2-Diphenylpropane, 97%	2513	2,4-Dimethylbenzaldehyde, 99%
2081	2,2-Diphenylpropionic acid, 95%	2531	2,4-Dimethylbenzyl alcohol, 97%
2082	2,2-Diphenylpropionitrile, 97%	1865	2,4-Dinitro-N-ethylaniline, 97%
489	2,2-Pentamethylene-1,3-dioxolane, 99%	955	2,4-Pentanediol, 99%, mixture of isomers
578	2,3,4,5,6-Pentafluorobenzyl alcohol, 98%	1596	2,4-Thiazolidinedione, 99%
2962	2,3,4-Trichloroanisole, 98%	1638	2,5-Bis(4-aminophenyl)-1,3,4-oxadiazole
1554	2,3,4-Trimethoxybenzaldehyde, 99%	1552	2,5-Bis(4-biphenyl)oxazole, 99%
186	2,3,5-Triiodobenzoic acid, 98%	1292	2,5-Dichloro-p-xylene, tech., 93%
500	2,3-Benzofluorene, 98%	2851	2,5-Dichlorobenzyl alcohol
691	2,3-Butanediol	1777	2,5-Dichlorothiophene, 98%
2400	2,3-Cyclohexenopyridine	2615	2,5-Dichlorotoluene, 98%
157	2,3-Dichloro-5,6-dicyano-1,4-benzoquinone, 98%	957	2,5-Diiodothiophene
1525	2,3-Dichloroanisole, 99%	2080	2,5-Dimethoxy-4'-nitrostilbene
2836	2,3-Dichlorotoluene, 98%	2176	2,5-Dimethoxy-4-nitroaniline, 98+%
659	2,3-Dihydrobenzofuran, 98%	2843	2,5-Dimethoxybenzyl alcohol
2515	2,3-Dihydroxyquinoxaline, 99+%	340	2,5-Dimethyl-2,5-hexanediol, 97%
2091	2,3-Dimethoxybenzyl alcohol	467	2,5-Dimethyl-3-hexyne-2,5-diol, 98%
1875	2,3-Dimethyl-2,3-dinitrobutane, 98%	1840	2,5-Dimethyl-4-hydroxy-3(2H)-furanone
3089	2,3-Dimethyl-4-nitroanisole	2225	2,5-Dimethyl-p-anisaldehyde, 99%
2895	2,3-Dimethyl-p-anisaldehyde, 99%	1459	2,5-Dimethylanisole, 99%
1742	2,3-Dimethylanisole, 97%	2098	2,5-Dimethylbenzaldehyde, 99%
1400	2,3-Dimethylcyclohexanol, 99%, mixture of isomers	2454	2,5-Dimethylbenzonitrile, tech., 90+%
207	2,3-Dimethylindole, 99%	2961	2,5-Dimethylbenzyl alcohol, 98%
783	2,3-Dimethylnaphthalene, 98%	1334	2,5-Dimethylindole, 98%
1610	2,3-Dimethylquinoxaline, 97%	1081	2,5-Diphenyl-1,3,4-oxadiazole, 97%
1488	2,3-Diphenyl-1-indenone, 97%	2874	2,5-O-Methylene-D-mannitol
2149	2,3-Pyrazinedicarboxamide, 97%	271	2,5-Pyridinedicarboxylic acid 98%
2534	2,4,4-Trimethyl-1-pentanol, 98%	202	2,6-Bis(hydroxymethyl)-p-cresol, 97%
1863	2,4,5-Trichlorophenyl disulfide, 98%	465	2,6-Diaminopyridine, 99+%
642	2,4,5-Trimethoxybenzoic acid, 99%	1135	2,6-Dibromo-4-nitroaniline, 97+%
627	2,4,5-Triphenylimidazole, 98%	1529	2,6-Dichlorobenzamide, 97%
280	2,4,6-Tri(allyloxy)-1,3,5-triazine; Triallyl cyanurate	2503	2,6-Dichlorobenzyl alcohol, 99%
1891	2,4,6-Tri-t-butylnitrobenzene, 99%	2208	2,6-Dichlorophenylacetic acid, 97%
2720	2,4,6-Tri-t-butylnitrosobenzene, 99%	2062	2,6-Dichloropurine, 97%
170	2,4,6-Trichloroanisole, 99%	2786	2,6-Dichlorostyrene, 98%
1140	2,4,6-Trimethoxybenzaldehyde, 98%	389	2,6-Dichlorotoluene, 99+%
2474	2,4,6-Trimethoxytoluene, tech., 90%	334	2,6-Dimethyl-4-heptanol
623	2,4,6-Trimethylbenzoic acid, 99%	1234	2,6-Dimethyl-g-pyrone, 99%
1102	2,4,6-Trimethylstyrene	1235	2,6-Dimethylanisole, 98%
1513	2,4,6-Triphenoxy-1,3,5-triazine, 98%	708	2,6-Dimethylbenzoquinone, 99%
430	2,4,8,10-Tetraoxaspiro[5.5]undecane, 98+%	1705	2,6-Dimethylcyclohexanone, 99%, mixture of isomers
2864	2,4-Bis(5,6-diphenyl-1,2,4-triazin-3-yl)pyridine	784	2,6-Dimethylnaphthalene
31	2,4-Diamino-6-hydroxypyrimidine, 96%	1310	2,6-Naphthalenedicarboxylic acid
1360	2,4-Dibromo-1-fluorobenzene, tech., 70%	1818	2,7-Dimethoxynaphthalene, 98%
1484	2,4-Dichlorobenzyl alcohol, 99%	2824	2,7-Dinitro-9-fluorenone, 97%
2616	2,4-Dichlorophenylacetic acid, 99%	2870	2,8-Bis(trifluoromethyl)-4-quinolinol
		2938	2-(2-Aminoethyl)-1-methylpyrrolidine, 98%
		2801	2-(2-Aminoethylamino)-5-nitropyridine, 98%

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
1306	2-(2-Pyridyl)benzimidazole	2556	2-Amino-3-hydroxypyridine, 98%
2039	2-(2-Thienyl)ethanol, 98%	1778	2-Amino-3-methoxybenzoic acid; 3-Methoxyanthranilic acid; 2-Ami
2588	2-(3-Bromophenyl)-1,3-dioxolane, 95%	1931	2-Amino-3-methylbenzoic acid, 98%
2463	2-(3-Thienyl)ethanol, 99%	2995	2-Amino-3-methylbenzyl alcohol
2441	2-(4-Aminophenyl)ethylamine, 97%	839	2-Amino-3-nitrophenol
2559	2-(4-Biphenyl)-6-phenylbenzoxazole, 98%	1914	2-Amino-3-nitropyridine, 99%
2858	2-(4-Bromophenoxy)ethanol, 98%	2090	2-Amino-4,5-dimethoxybenzoic acid, 98%
2305	2-(4-Fluorobenzoyl)benzoic acid	2764	2-Amino-4,5-dimethoxybenzotrile
1903	2-(4-Methoxybenzoyl)thiophene, 97%	30	2-Amino-4,6-dichloropyrimidine, 99%
474	2-(4-Thiazolyl)benzimidazole	2042	2-Amino-4,6-dimethylpyridine, 99%
2480	2-(5-Bromo-2-pyridylazo)-5-(diethylamino)phenol, 97%	1097	2-Amino-4,6-dimethylpyrimidine, 98%
1570	2-(Dimethylaminomethyl)-3-hydroxypyridine, 97%	1555	2-Amino-4-(4-chlorophenyl)thiazole
339	2-(Methylamino)ethanol, 99%	2184	2-Amino-4-chloro-5-nitrophenol, 98%
2500	2-(Methylsulfonyl)ethanol	2086	2-Amino-4-chloro-6-methylpyrimidine, 98%
208	2-(N-Ethyl-m-toluidino)ethanol, 99%	193	2-Amino-4-chlorobenzoic acid, 98%
1923	2-(Phenylsulfonyl)aniline, 99%	2624	2-Amino-4-chlorobenzothiazole, 97%
1057	2-(Phenylthio)ethanol, 99%	1878	2-Amino-4-hydroxy-6-methylpyrimidine
210	2-(Trifluoromethyl)phenothiazine, 97%	2070	2-Amino-4-methoxybenzothiazole, 97%
2605	2-(t-Butyl)anthracene, 98%	2220	2-Amino-4-methyl-3-nitropyridine
2272	2-Acetamido-4-methylthiazole	2665	2-Amino-4-methyl-5-nitropyridine
2053	2-Acetamidocrylic acid, 99+%	332	2-Amino-4-methylpyrimidine, 97%
894	2-Acetamidophenol, 99%	267	2-Amino-4-nitrophenol, 96%
1890	2-Acetyl-1,3-cyclohexanedione, 99+%,	3031	2-Amino-4-phenyl-5-tetradecylthiazole, 98%
1194	2-Acetyl-1-methylpyrrole, 98%	2802	2-Amino-4-thiazoleacetic acid, 97%
2566	2-Acetyl-1-tetralone, 98%	2794	2-Amino-5,6-dimethylbenzimidazole .H2O
2447	2-Acetyl-3-methylthiophene, 98%	2807	2-Amino-5,6-dimethylbenzothiazole
2031	2-Acetyl-5-bromothiophene	2903	2-Amino-5-(4-nitrophenylsulfonyl)thiazole
2175	2-Acetyl-5-chlorothiophene, 99%	1257	2-Amino-5-bromopyridine
773	2-Acetylbenzoic acid, 99%	2312	2-Amino-5-bromopyrimidine
1116	2-Acetylbiphenylene	1753	2-Amino-5-bromothiazole .HBr, 97%
1168	2-Acetylcyclohexanone, 99%	2881	2-Amino-5-chlorobenzyl alcohol
1442	2-Acetylcyclopentanone, 99%	1002	2-Amino-5-chlorobenzoic acid, 98%
1330	2-Acetyl furan, 99%	1078	2-Amino-5-chlorobenzophenone, 98%
2381	2-Acetylphenanthrene	72	2-Amino-5-chlorobenzoxazole, 97%
2219	2-Acetylphenothiazine, 95%	1258	2-Amino-5-chloropyridine, 98%
1256	2-Acetylpyrrole, 99%	2470	2-Amino-5-ethyl-1,3,4-thiadiazole, 97%
182	2-Acetylthiophene, 99%	330	2-Amino-5-methyl-1,3,4-thiadiazole, 97%
2403	2-Adamantanamine .HCl, 99%	1741	2-Amino-5-methylbenzoic acid, 97%
1059	2-Adamantanol	2862	2-Amino-5-methylbenzyl alcohol
1060	2-Adamantanone, 99%	1483	2-Amino-5-nitrobenzophenone, 98+%
1883	2-Amino-1,3,4-thiadiazole, 95%	406	2-Amino-5-nitrobenzotrifluoride, 98%
142	2-Amino-1-naphthalenesulfonic acid	407	2-Amino-5-nitrophenol, tech., 90%
2301	2-Amino-1-phenylethanol, 98%	1915	2-Amino-5-nitropyridine, 99%
1745	2-Amino-2',5-dichlorobenzophenone, 99%	1761	2-Amino-5-nitropyrimidine
379	2-Amino-2-methyl-1,3-propanediol, 99%	2088	2-Amino-6,8-dihydroxypurine
2630	2-Amino-2-norbornanecarboxylic acid .1/2 H2O, 98%, mixture of i	2387	2-Amino-6-chloropurine, 99+%
1486	2-Amino-2-thiazoline, 97%	228	2-Amino-6-ethoxybenzothiazole, tech.
1913	2-Amino-3,5-dichloropyridine, 97%	548	2-Amino-6-fluorobenzothiazole
2700	2-Amino-3-benzoyloxypyridine, 98.5%	1476	2-Amino-6-methoxybenzothiazole, 98%
2945	2-Amino-3-bromo-9-fluorenone	1932	2-Amino-6-methylbenzoic acid, 99%
1703	2-Amino-3-chloro-1,4-naphthoquinone, 97%	1665	2-Amino-6-methylbenzothiazole
2240	2-Amino-3-chloro-9-fluorenone	2171	2-Amino-6-nitrobenzothiazole, 97+%
2195	2-Amino-3-chlorobenzoic acid		

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
3001	2-Amino-7-bromo-9-fluorenone	2509	2-Carbethoxy-5,7-dihydroxy-4'-methoxyisoflavone
2221	2-Amino-7-bromofluorene	3079	2-Chloro-5-nitrobenzyl alcohol, 97%
1764	2-Amino-9-fluorenone	575	2-Chloro-6-fluorobenzoic acid, 98%
2842	2-Amino-9-hydroxyfluorene	2882	2-Chloro-6-fluorophenylacetic acid, 98%
1715	2-Amino-m-cresol	2207	2-Chloro-6-methylbenzonitrile, 97%
243	2-Amino-p-cresol, 97%	1094	2-Chloroanisole, 98%
2074	2-Aminoacetophenone .HCl	2564	2-Chloroanthracene, 95%
1199	2-Aminobenzimidazole, 97%	866	2-Chlorobenzamide, 98%
1712	2-Aminobenzophenone, 98%	2003	2-Chlorobenzophenone, 99+%
460	2-Aminobenzothiazole, 97%	2590	2-Chlorobenzyl alcohol, 99%
2024	2-Aminobenzyl alcohol, 98%	3040	2-Chloronorbornane, exo-; 2-Chlorobicyclo[2.2.1]heptane, exo-
488	2-Aminoethanethiol .HCl, 98%	1646	2-Chlorophenylacetic acid, 98.5+%
1184	2-Aminoethyl hydrogen sulfate, 97%	742	2-Coumaranone, 97%
75	2-Aminoisobutyric acid	1286	2-Cyclohepten-1-one, tech.
2026	2-Aminonicotinic acid, 98%	1130	2-Cyclohexen-1-ol, 96%
240	2-Aminophenol, 99%	1944	2-Cyclohexylethanol, 99%
1311	2-Aminophenyl disulfide	2663	2-Cyclohexylethyl acetate, 99+%
590	2-Aminopurine	1053	2-Cyclopenten-1-one ethylene ketal, 95%
337	2-Aminopyrimidine, 99%	1191	2-Cyclopentenone, 98%
1201	2-Azacyclononanone, 99%	1048	2-Decanone, 98%
1039	2-Azacyclooctanone, 98%	1522	2-Deoxy-D-galactose
1216	2-Azacyclotridecanone, 98%	484	2-Deoxy-D-glucose
2703	2-Benzimidazolylurea, 98%	2580	2-Ethoxyanisole
660	2-Benzofurancarboxylic acid	1208	2-Ethoxybenzamide, 97%
61	2-Benzoxazolinone, 98%	450	2-Ethoxybenzoic acid, 98%
161	2-Benzoylacetanilide	3055	2-Ethoxybenzyl alcohol, 98%
2073	2-Benzoyloxy-2-phenylmalononitrile, 98%	2884	2-Ethoxybenzylamine, 99%
201	2-Benzoylpyridine, 99+%	2965	2-Ethoxyethyl isobutyrate, 99+%
2997	2-Benzylamino-4-methylpyridine, 98%	254	2-Ethyl-1-butanol, 98%
3050	2-Benzylamino-6-methylpyridine	129	2-Ethyl-2-(hydroxymethyl)-1,3-propanediol, 98%
1218	2-Biphenylcarboxylic acid, 98%	3043	2-Ethyl-2-(p-tolyl)malonamide, 99%
1738	2-Biphenylmethanol, 98%	124	2-Ethyl-2-methyl-1,3-propanediol
761	2-Bromo-3-nitrobenzoic acid	992	2-Ethyl-2-methylsuccinic acid, 99%
2213	2-Bromo-3-pyridinol, 99%	2071	2-Ethyl-2-phenylbutyric acid
2311	2-Bromo-4-nitrotoluene, 98%	1251	2-Ethyl-2-thiopseudourea .HBr
1727	2-Bromo-5-chlorothiophene	2947	2-Ethylanthracene, 98%
1947	2-Bromo-5-nitropyridine	156	2-Ethylanthraquinone, 97+%
1996	2-Bromo-6-methoxynaphthalene, 97%	2366	2-Ethylbutyl acetate
1763	2-Bromo-9-fluorenone	1210	2-Ethyl-naphthalene, 99+%
2270	2-Bromoadamantane, 98%	873	2-Ethyltoluene, 99%
776	2-Bromoanisole, 97%	2812	2-Fluorencarboxaldehyde, 99%
1882	2-Bromobenzamide, 98%	559	2-Fluoro-5-nitroaniline, 98%
184	2-Bromobenzoic acid, 97%	531	2-Fluoroanisole, 98%
1541	2-Bromobenzonitrile, 99%	580	2-Fluorobenzamide, 98%
2607	2-Bromobenzyl alcohol, 98%	582	2-Fluorobenzyl alcohol, 98%
2072	2-Bromobenzylamine .HCl, 97%	532	2-Fluorobiphenyl, 97%
1546	2-Bromobiphenyl, 96%	588	2-Fluorocinnamic acid, 98%
1536	2-Bromoethyl 4-chlorophenyl ether; 1-Chloro-4-(2-bromoethoxy)be	589	2-Fluorophenylacetic acid, 98%
770	2-Bromomesitylene, 99%	1797	2-Furoic acid hydrazide, 98%
1930	2-Bromomethyl-1,3-dioxolane, 97%	2049	2-Guanidinobenzimidazole, 95%
781	2-Bromonaphthalene, 97%	2492	2-Hexadecanol, 99%
2603	2-Bromophenylacetic acid, 99%	899	2-Hydroxybenzimidazole, 97%
2935	2-Bromophenylhydrazine .HCl, 98%	2814	2-Hydroxycyclohexanone dimer
797	2-Bromoterephthalic acid, 96%	1157	2-Hydroxyethyl methacrylate, 97%
1755	2-Bromothiazole, 99%	168	2-Hydroxyethyl salicylate, 97%
1233	2-Bromothiophene, 98%		
3005	2-Bromotridecane, 96%		

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

  
Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
634	2-Hydroxyhippuric acid, 97%	1422	2-Naphthalenemethanol, 99%
2920	2-Imidazolidone-4-carboxylic acid, 95%	1405	2-Naphthyl acetate, 98%
2523	2-Iminopiperidine .HCl	2297	2-Naphthylacetoneitrile, 97%
1921	2-Indanol, 99%	1733	2-Nitro-1-propanol, 99%
897	2-Indanone, 98%	1212	2-Nitro-p-cymene, tech., 90%
185	2-Iodobenzoic acid, 98%	867	2-Nitrobenzamide, 98%
2002	2-Iodobenzyl alcohol, 99%	882	2-Nitrobenzyl alcohol, 97%
472	2-Iodohippuric acid, 98%	1977	2-Nitrocyclohexanone, 99%
1811	2-Iodothiophene, 98+%	2499	2-Nitrophenethyl alcohol, 98%
66	2-Mercapto-1-methylimidazole, 98%	870	2-Nitrophenyl acetate, 99%
1617	2-Mercaptobenzoxazole, 95%	1319	2-Nitrophenyl disulfide, 99%
1368	2-Mercaptopyrimidine, 98%	2377	2-Nitrophenyl-2-acetamido-2-deoxy-a-D-glucopyranoside, 99+%
2035	2-Methoxy-1-naphthaldehyde, 99%	869	2-Nitrophenylacetoneitrile, 98%
2522	2-Methoxy-1-naphthonitrile	874	2-Nitrosotoluene, 97%
881	2-Methoxybenzyl alcohol, 99%	865	2-Nitrothiophene, tech., 85%
162	2-Methoxybiphenyl	977	2-Nonanol, 99%
2288	2-Methoxycyclohexanone, 98%	1129	2-Nonanone, 99+%
358	2-Methoxyethyl ether; Diethylene glycol dimethyl ether	1237	2-Norbornaneacetic acid, 96%
218	2-Methoxynaphthalene, 99%	350	2-Octanone, 95%
890	2-Methoxyphenyl acetate	1495	2-Octynal
2553	2-Methoxythiophene	661	2-Oxazolidone, 98%
1331	2-Methyl-1,3-cyclohexanedione, 99%	1956	2-Oxo-1-cyclohexanepropionitrile
1173	2-Methyl-1-nitronaphthalene, 99%	2773	2-Oxo-6-pentyl-2H-pyran-3-carboxylic acid
313	2-Methyl-1-pentanol, 95%	2419	2-Oxopentanoic acid, sodium salt, 98%
1421	2-Methyl-1-tetralone, 99%	1147	2-Phenethylbenzyl alcohol, 98%
2599	2-Methyl-1-undecene, 98%	1590	2-Phenoxybenzoic acid, 98%
325	2-Methyl-2,4-pentanediol, 99%	2464	2-Phenoxybutyric acid, 99%
1063	2-Methyl-2-adamantanol	1204	2-Phenyl-2-imidazoline, 98+%
1283	2-Methyl-2-cyclopenten-1-one	439	2-Phenyl-3-butyn-2-ol, 98+%
2229	2-Methyl-2-nitrosopropane dimer	447	2-Phenyl-4-quinolinecarboxylic acid, 99%
1412	2-Methyl-2-propene-1-sulfonic acid, sodium salt, 98%	1246	2-Phenyl-4H-3,1-benzoxazin-4-one
131	2-Methyl-2-propyl-1,3-propanediol	1075	2-Phenylbenzimidazole, 99+%
908	2-Methyl-3-hexanol, 98%	1175	2-Phenylbenzothiazole, 97%
1510	2-Methyl-3-indoleacetic acid	197	2-Phenylbutyric acid, 98%
1524	2-Methyl-3-nitrobenzoic acid, 99%	1365	2-Phenylcyclohexanone, 98%
2699	2-Methyl-3-nitrobenzyl alcohol, 99%	298	2-Phenylethyl acetate; Phenethyl acetate
754	2-Methyl-3-pentanol, 99+%	1033	2-Phenylimidazole, 98%
2477	2-Methyl-4,5-diphenyloxazole, 99%	1220	2-Phenylindole, tech., 95%
2442	2-Methyl-6-nitrobenzoic acid, 97%	3081	2-Phenylpropyl butyrate, 98%
1693	2-Methyl-b-naphthothiazole, 98%	3035	2-Phenylpropyl isobutyrate, 98%
777	2-Methylanisole, 99%	260	2-Pyrazinecarboxylic acid, 99%
887	2-Methylanthracene, 97%	231	2-Pyridinealldoxime methiodide, 99+%
2255	2-Methylbenzhydrol, 98+%	9	2-Pyridinealldoxime methochloride, 99%
898	2-Methylbenzimidazole, 98%	1964	2-Tetradecanol
446	2-Methylbenzophenone, 98%	255	2-Thiophenecarboxaldehyde, 98%
195	2-Methylbenzyl alcohol, 98%	1004	2-Thiophenemethanol, 98%
789	2-Methylcyclohexanol, 99%, mixture of cis and trans	819	2-Tridecanone
790	2-Methylcyclohexanone, 98%	2436	2-Trimethylsilyl-1,3-dithiane, 99+%
1417	2-Methyleneglutaroneitrile, 99%	359	2-Undecanone, 95%
817	2-Methylheptane, 99%	1134	2-Vinylnaphthalene, 98%
2925	2-Methylhippuric acid; N-(2-Methylbenzoyl)glycine	1633	2-t-Butyl-4-methylphenol, 99%
2047	2-Methylindole-3-carboxaldehyde, 97%	183	2-t-Butyl-5-methylanisole, 99%
2262	2-Methylmercaptobenzimidazole	155	2-t-Butylanthraquinone, 98%
2069	2-Methylthio-2-imidazoline hydriodide, 99%	1464	2-t-Butylcyclohexanone, 97%
344	2-Methylundecanal, 95%	2869	20-(Hydroxymethyl)pregna-1,4-dien-3-one
		2016	2H-1,4-Benzothiazin-3(4H)-one, 97%

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
1304	3',4',5'-Trimethoxyacetophenone, 99+%	1067	3,5-Dimethoxybenzyl alcohol, 99%
1689	3',4'-Dichloroacetophenone, 99%	1288	3,5-Dimethyl-2-cyclohexen-1-one, 99%
2209	3',4'-Dichloropropiophenone, 99%	1169	3,5-Dimethylanisole, 99+%
1838	3',4'-Dimethylacetophenone, 95%	2770	3,5-Dimethylbenzyl alcohol, 98%
2249	3',5'-Diacetylthymidine, 99+%	1200	3,5-Dimethylpyrazole-1-carboxamide
2791	3',5'-Dibenzoyloxyacetophenone, 98%	3098	3,5-Dimethylpyrazole-1-methanol
2898	3',5'-Dimethoxyacetophenone, 97%	3084	3,5-Dinitro-2-methylbenzyl alcohol, 97%
261	3'-Aminoacetophenone, 97%	3052	3,5-Dinitrobenzyl alcohol
1238	3'-Bromo-4'-fluoroacetophenone	1767	3,5-Pyrazoledicarboxylic acid .H2O, 97%
2622	3'-Bromopropiophenone, 98%	667	3,5-Pyridinedicarboxylic acid, 98%
2861	3'-Chloropropiophenone, 98%	60	3-(2-Methylphenoxy)-1,2-propanediol; Mephesisin
798	3'-Methoxyacetophenone, 99%	1248	3-(2-Pyridyl)-5,6-diphenyl-1,2,4-triazine, 99+%
794	3'-Methylacetophenone, 98%	2735	3-(3,4,5-Trimethoxyphenyl)propionic acid, 98+%
2148	3,3'-Dimethoxybiphenyl, 97%	3070	3-(3,4-Dichlorophenoxy)benzaldehyde, 94%
885	3,3'-Dimethylbiphenyl, 99+%	1871	3-(3,4-Dimethoxyphenyl)-1-propanol, 99%
2407	3,3'-Thiodipropanol, 98%	3087	3-(3,5-Dichlorophenoxy)benzaldehyde, 95%
2636	3,3,5,5-Tetramethyl-1,2-cyclopentanedione	1879	3-(4-Chlorobenzoyl)propionic acid, 98%
1691	3,3,5,5-Tetramethylcyclohexanol, 96%	3047	3-(4-Chlorophenoxy)benzaldehyde
2483	3,3,5,5-Tetramethylcyclohexanone, 98%	557	3-(4-Fluorobenzoyl)propionic acid, 97%
2552	3,3-Diethoxy-1-propanol; 3-Hydroxypropanal diethyl acetal	2563	3-(4-Methoxyphenoxy)-1,2-propanediol, 98+%
2667	3,3-Dimethoxy-2-butanone	3018	3-(4-Methoxyphenoxy)benzaldehyde, 97+%
953	3,3-Dimethyl-1-butanol, 99%	2041	3-(4-Methoxyphenyl)propanol, 99%
2626	3,3-Diphenyl-1-propanol, 98%	3069	3-(4-Methylphenoxy)benzaldehyde, 97%
850	3,3-Diphenylpropionic acid, 99%	3048	3-(4-t-Butylphenoxy)benzaldehyde, 99%
2551	3,3-Tetramethyleneglutaric acid, 99%	2279	3-(Hydrazinosulfonyl)benzoic acid, 99%
1864	3,4,5-Trimethoxybenzyl alcohol, 97%	2378	3-(Phenylsulfonyl)propionic acid, 99%
1222	3,4,5-Trimethoxyphenylacetic acid, 99%	3085	3-(Pyrrol-1-ylmethyl)pyridine, 98+%
2203	3,4,5-Trimethoxytoluene, 97%	592	3-(Trifluoromethyl)anisole, 99%
1724	3,4-(Methylenedioxy)phenylacetic acid	932	3-Acetamidophenol, 97%
2258	3,4-(Methylenedioxy)toluene	3011	3-Acetoxy-2(1H)-pyridone
2817	3,4-Bis(acetoxymethyl)furan, 98%	1619	3-Acetyl-2,4-dimethylpyrrole
2860	3,4-Di-O-acetyl-6-deoxy-L-glucal	2409	3-Acetyl-2,5-dimethylfuran
2944	3,4-Diamino-5-hydroxypyrazole sulfate	2998	3-Acetyl-2,6-bis(t-butylamino)-4-methylpyridine, 99%
2059	3,4-Dibenzoyloxybenzaldehyde, 99%	1359	3-Acetyl-2-oxazolidinone
242	3,4-Dichlorotoluene, 97%	2144	3-Acetylbenzoxazole; 3'-Cyanoacetophenone
2044	3,4-Diethoxybenzoic acid, 99%	1873	3-Acetylcoumarin, 96%
3083	3,4-Dihydro-2,2-dimethyl-4-oxo-2H-pyran-6-carboxylic acid	1064	3-Acetylidole
1854	3,4-Dihydro-6-methyl-2H-pyran-2-one	1538	3-Acetylphenanthrene, tech., 90%
2994	3,4-Dihydrobenz(A)anthracen-1(2H)-one	1380	3-Acetylthiophene, 98%
217	3,4-Dimethoxybenzyl alcohol, 96%	2549	3-Amino 5-mercapto-1,2,4-triazole, 95%
2283	3,4-Dimethoxyphenethyl alcohol	1284	3-Amino-1,2,4-triazine, 97%
1112	3,4-Dimethoxyphenylacetone, 97%	1842	3-Amino-1-propanesulfonic acid
2194	3,4-Dimethoxystyrene, tech.	2172	3-Amino-2-chloropyridine, 98%
2532	3,4-Dimethyl-5-(2-hydroxyethyl)thiazolium iodide, 98%	3096	3-Amino-2-methylbenzyl alcohol
1963	3,4-Dimethylanisole, 99%	2048	3-Amino-2-naphthol
919	3,4-Dimethylbenzoic acid, 98%		
2242	3,4-Dimethylbenzyl alcohol, 99%		
3073	3,4-Dinitrobenzyl alcohol		
534	3,4-Methylenedioxybenzyl acetate; Piperonyl acetate		
1942	3,4-Methylenedioxyphenylacetone nitrile, 99%		
1816	3,5,5-Trimethyl-1-hexanol		
613	3,5,5-Trimethyl-2-cyclohexen-1-ol		
1806	3,5-Di-t-butyl-o-benzoquinone, 98%		

**ThermoFisher**  
SCIENTIFIC

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
893	3-Amino-3-phenylpropionic acid, tech., 90+%	2594	3-Cyanopropionaldehyde diethyl acetal, 98%
2250	3-Amino-4-carbethoxypyrazole, 99%	1293	3-Cyclohexyl-1-propanol
3030	3-Amino-4-chloro-N-(2-cyanoethyl)benzenesulfonamide, 98%	1096	3-Cyclopentyl-1-propanol, 99%
1720	3-Amino-4-chlorobenzoic acid, 98%	2689	3-Deazauridine
1719	3-Amino-4-methoxybenzoic acid, 98+%	354	3-Ethoxy-1-propanol, 97%
1649	3-Amino-4-methylbenzoic acid, 99%	2013	3-Ethoxy-2-cyclohexen-1-one, 99%
3091	3-Amino-4-methylbenzyl alcohol	1301	3-Ethoxy-4-methoxybenzaldehyde, 99%
2578	3-Amino-5,6-dimethyl-1,2,4-triazine, 97%	3038	3-Ethyl-2,2-dimethyl-2-pentanol
2143	3-Amino-5-hydroxypyrazole	3017	3-Ethyl-2,5-dihydrothiophene-1,1-dioxide, 98%
1254	3-Amino-5-methylisoxazole, 98+%	925	3-Ethyltoluene, 99%
2823	3-Amino-5-methylpyrazole	1058	3-Fluoro-2-methylbenzoic acid
2165	3-Amino-9-fluorenone	552	3-Fluoro-p-anisaldehyde
2954	3-Amino-o-cresol, 95%	597	3-Fluoroanisole, 99%
1824	3-Aminobenzamide, 97%	594	3-Fluorobenzamide, 99%
2880	3-Aminobenzamidine .2HCl	596	3-Fluorobenzyl alcohol, 98%
263	3-Aminobenzoic acid, 99+%	1938	3-Furanmethanol, 99%
1502	3-Aminobenzyl alcohol, 97%	2816	3-Furylmethyl acetate
1696	3-Aminofluoranthene, 97%	947	3-Hexanol, 99%
829	3-Aminophenyl sulfone	378	3-Hydroxy-3-methyl-2-butanone, 95%
2481	3-Aminophenylacetic acid	1826	3-Hydroxy-N-methylpiperidine, 97%
1550	3-Aminopropionitrile fumarate, 99+% ,	775	3-Hydroxyflavone, 99%
2050	3-Aminopyrazine-2-carboxylic acid, 99+%	338	3-Hydroxypropionitrile, 99+% ,
782	3-Aminoquinoline, 98%	2212	3-Hydroxypyridine-N-oxide, 99%
2205	3-Aminoquinuclidine .2HCl, 98%	591	3-Hydroxytetrahydrofuran, 97%
1363	3-Aminorhodanine, 99%	2275	3-Indazolinone, 97%
1544	3-Benzoylpropionic acid, 99%	1384	3-Indoleglyoxylic acid, 96%
2051	3-Benzoylpyridine, 97%	1142	3-Indolepropionic acid, 99%
2183	3-Benzyl-4-methoxybenzaldehyde, 98%	854	3-Indolyl acetate, 97%
1389	3-Benzyl-4-methoxybenzaldehyde, 98%	1108	3-Indolylacetone
1457	3-Benzyl-4-methoxybenzaldehyde, 98%	107	3-Iodo-L-tyrosine, 97%
1456	3-Benzyl-4-methoxybenzaldehyde, 98%	914	3-Iodobenzoic acid, 98%
1629	3-Bromoanisole, 99+%	2992	3-Iodobenzyl alcohol, 99%
795	3-Bromobenzoic acid, 99%	1849	3-Iodobenzylamine .HCl, 97%
2517	3-Bromobenzyl alcohol, 99%	958	3-Iodotoluene, 99%
1505	3-Bromophenylacetic acid	2790	3-Isobutyl-1-methylxanthine, 99+%
2771	3-Bromophenylhydrazine .HCl	1660	3-Methoxy-1-butanol, 99%
1984	3-Bromopropylamine .HBr, 98%	2649	3-Methoxy-2(1H)-pyridone, 99%
1159	3-Bromothiophene, 96%	2953	3-Methoxy-2-nitrobenzaldehyde, 98%
1937	3-Carbamoyl-proxyl, free radical, 97%	2259	3-Methoxy-4-methylbenzoic acid, 98%
1850	3-Carbethoxy-2-piperidone	1993	3-Methoxy-4-nitrobenzoic acid, 98%
1567	3-Carboxy-PROXYL	3082	3-Methoxy-4-nitrobenzyl alcohol, 99%
2435	3-Chloro-2,2-dimethyl-1-propanol	2102	3-Methoxybenzamide, 97%
245	3-Chloro-2,5-dimethylpyrazine	1985	3-Methoxyphenethyl alcohol, 97%
2628	3-Chloro-2-methylbiphenyl	1752	3-Methoxyphenylacetone
2819	3-Chloro-2-norbornanone, 97%	1092	3-Methyl-1,2-cyclopentanedione, 99%
2661	3-Chloro-4-methylbenzoxazole, 97%	420	3-Methyl-1-butanol, 98%
1721	3-Chloroanisole, 99%	187	3-Methyl-1-phenyl-2-pyrazolin-5-one, 99%
1164	3-Chlorobenzyl alcohol, 98%	1300	3-Methyl-1-phenylpyrazole
1497	3-Chlorocinnamic acid, mostly trans	2660	3-Methyl-2-cyclohexen-1-ol
2004	3-Chlorophenethyl alcohol, 98%	1700	3-Methyl-2-cyclopenten-1-one, tech.
1503	3-Chlorophenylacetic acid, 99+%	2025	3-Methyl-2-nitroanisole, 99%
2107	3-Chloropropionamide, 98%	3077	3-Methyl-2-nitrobenzyl alcohol, 98%
2844	3-Chloroquinuclidine .HCl	2623	3-Methyl-2-oxazolidinone, 99%
331	3-Chlorotoluene	1848	3-Methyl-2-oxobutanoic acid, sodium salt, 98+%
		2469	3-Methyl-2-quinoxalinol

**ThermoFisher**  
SCIENTIFIC

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
2103	3-Methyl-2-thiophenecarboxaldehyde, tech.	396	4,4'-Bis(dimethylamino)benzhydrol
2696	3-Methyl-2-thiophenecarboxylic acid, 98%	1430	4,4'-Di-t-butylbiphenyl
122	3-Methyl-3-pentanol, 99%	2967	4,4'-Diaminostilbene .2HCl, 97%
2030	3-Methyl-4-nitroanisole, 97%	1351	4,4'-Diantipyrilmethane .H2O, 97%
3076	3-Methyl-4-nitrobenzyl alcohol, 98%	2933	4,4'-Difluoro-2,2'-dinitrobiphenyl
2835	3-Methyl-p-anisaldehyde, 98%	556	4,4'-Difluorobenzhydrol, 98%
279	3-Methylanisole, 99%	1749	4,4'-Diiodobiphenyl, tech.
1020	3-Methylbenzophenone, 99%	1082	4,4'-Dimethoxybenzhydrol, 99%
804	3-Methylbenzyl alcohol, 97%	1347	4,4'-Dimethoxybenzil, 98%
815	3-Methylcyclohexanol, 99%	1225	4,4'-Dimethoxythiobenzophenone, tech.
2085	3-Methylene-2-norbomanone, 97%	1817	4,4'-Dimethylbenzil
2768	3-Methylhippuric acid; N-(3-Methylbenzoyl)glycine	1345	4,4'-Dimethylbenzoin
2854	3-Methylindene-2-carboxylic acid, 97%	889	4,4'-Dimethylbiphenyl, 97%
1501	3-Methylphenethyl alcohol, 98%	1085	4,4'-Dinitrobiphenyl
1161	3-Methylsulfolane, 99%	937	4,4'-Ethylenedianiline, 97%
1261	3-Methylxanthine, 98%	136	4,4'-Isopropylidenediphenol, 97%
2201	3-Morpholino-1,2-propanediol, 96+%	1578	4,4'-Oxybis(benzoic acid)
2711	3-Nitro-1,2,4-triazole, 97%	2484	4,4'-Oxybis(methyl benzoate)
408	3-Nitroacetophenone, 95%	1876	4,4'-Sulfonylbis(methyl benzoate), tech.
1023	3-Nitrobenzamide, 98%	533	4,4,4-Trifluoro-1-phenyl-1,3-butanedione, 99%
2979	3-Nitrobenzamidine .HCl, 97%	427	4,4-Bis(4-hydroxyphenyl)valeric acid, 95%
920	3-Nitrobenzyl alcohol, 98%	751	4,4-Dimethyl-1,3-cyclohexanedione
1559	3-Nitrobiphenyl, 99%	1259	4,4-Dimethyl-2-cyclohexen-1-one, 97%
725	3-Nitrophenyl disulfide, 98%	2682	4,4-Dimethyl-2-cyclopenten-1-one
1183	3-Nonanone, 99%	2234	4,4-Dimethyl-3-thiosemicarbazide
2478	3-Nonen-2-one, 95%	1951	4,4-Diphenyl-2-cyclohexen-1-one
2428	3-O-Methylglucose	838	4,4-Diphenylsemicarbazide, 98%
2383	3-Pentyn-1-ol, 99%	2162	4,5,6,7-Tetrachlorofluorescein
2902	3-Phenoxybenzaldehyde, 95+%	1445	4,5-Diamino-6-hydroxypyrimidine
1853	3-Phenoxybenzoic acid, 99%	2460	4,5-Diaminopyrimidine, 99%
2465	3-Phenoxybenzyl alcohol, 98%	1195	4,5-Dichloro-3-hydroxypyridazine
2264	3-Phenoxypropionic acid, 99%	2983	4,5-Dichlorophthalic acid, 99%
1831	3-Phenoxytoluene	2658	4,5-Diphenyl-1,3-dioxolan-2-one, 99%
1697	3-Phenyl-1-butanol, 99%	1603	4,5-Diphenyl-2-imidazolethiol, 97%
2529	3-Phenylbutyraldehyde	1031	4,5-Diphenylimidazole, 98%
1955	3-Phenylbutyric acid, 98%	1409	4,6-Dimethylpyrimidine, tech., 93+%
1905	3-Phenylglutaric acid	1672	4,7-Dihydro-2-phenyl-1,3-dioxepin
1021	3-Phenyltoluene, 95%	1790	4,7-Dimethyl-1,10-phenanthroline
2159	3-Quinuclidinol .HCl, 98%	1439	4,7-Diphenyl-1,10-phenanthroline, 97%
1332	3-Quinuclidinone .HCl, 97%	496	4,7-Phenanthroline
2241	3-Thiopheneacetic acid, 98%	2274	4-(2-Cyclohexenyloxy)benzoic acid
2462	3-Thiopheneacetonitrile, 98+%	2638	4-(2-Keto-1-benzimidazoliny)l)piperidine
2592	3b-(Methoxymethoxy)androst-5-en-17-one	2498	4-(4-Aminophenyl)butyric acid
3097	4'-(Trifluoromethyl)-2-biphenylcarboxylic acid	233	4-(4-Chloro-o-tolyloxy)butyric acid, 98%
398	4'-Amino-N-methylacetanilide, tech., 95%	2489	4-(4-Chlorobenzoyl)pyridine, 99%
303	4'-Bromoacetanilide, 98%	2670	4-(4-Methoxyphenyl)-1-butanol, 99%
2391	4'-Bromopropiophenone, 99%	1950	4-(4-Methoxyphenyl)butyric acid, 97%
1450	4'-Ethoxyacetophenone	3072	4-(4-Nitrophenyl)-1-butanol, 95%
595	4'-Fluoropropiophenone, 99%	2087	4-(4-Nitrophenyl)butyric acid, 99%
1226	4'-Methoxychalcone, 97%	2136	4-(Hexadecylsulfonyl)aniline, 98%
409	4'-Methoxypropiophenone, 99+%	2834	4-(Hydroxymethyl)imidazole .HCl, 99%
2019	4'-Methylpropyophenone, 97%	2368	4-(Imidazol-1-yl)phenol, 97%
1120	4,4'-Biphenyldicarboxylic acid	1889	4-(Methylsulfonyl)benzoic acid, 97%
3067	4,4'-Bipiperidine .2HCl, 97%	2427	4-(Methylthio)benzoic acid, 97%
		1814	4-(Methylthio)benzyl alcohol, 98%
		551	4-(Trifluoromethyl)benzyl alcohol, 98%

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
565	4-(Trifluoromethyl)mandelic acid, 98%	2177	4-Aminoveratrole, 98%
1830	4-(p-Acetoxyphenyl)-2-butanone	76	4-Androstene-3,17-dione
2928	4-Acetamido-9-fluorenone	511	4-Azabenzimidazole, 99%
150	4-Acetamidoantipyrine, 97%	1954	4-Benzoyl-3-methyl-1-phenyl-2-pyrazolin-5-one, 99%
414	4-Acetamidobenzaldehyde, tech.	1562	4-Benzoylbiphenyl
745	4-Acetamidobenzoic acid, 98%	1397	4-Benzoylbutyric acid, 96%
304	4-Acetamidophenol, 98%	2488	4-Benzoylpyridine, 98%
1602	4-Acetoxybenzoic acid, 98%	2873	4-Benzylisothiazole
2968	4-Acetyl-2-methoxyphenyl acetate	1639	4-Benzyloxy-3-methoxybenzaldehyde, 98%
2388	4-Acetyl-4-phenylpiperidine .HCl	2846	4-Benzyloxy-3-methoxybenzyl alcohol, 97%
3015	4-Acetylbenzenesulfonic acid, sodium salt, 98%	2971	4-Benzyloxy-3-methoxystyrene, 97%
802	4-Acetylbenzoic acid	2939	4-Benzyloxyaniline .HCl, 98%
1364	4-Acetylbenzotrile, 99%	1935	4-Benzyloxybenzaldehyde
1770	4-Acetylbutyric acid, 97%	1148	4-Benzyloxybenzyl alcohol, 97%
1857	4-Allyl-3-thiosemicarbazide	1736	4-Biphenylcarbonitrile, 99%
792	4-Amino-1,2,4-triazole, 99%	216	4-Biphenylcarboxylic acid, 95%
1474	4-Amino-1,8-naphthalimide, 96%	1834	4-Biphenylmethanol
3002	4-Amino-1-naphthalenecarbonitrile, 98%	2706	4-Bromo-2,6-dimethylaniline, 98%
1453	4-Amino-2,3,5,6-tetrafluoropyridine	1609	4-Bromo-2,6-dimethylphenol, 97%
1765	4-Amino-2,5-dimethylphenol, tech.	2894	4-Bromo-2-chloroaniline
863	4-Amino-2,6-dibromophenol	791	4-Bromo-2-methylaniline, 97%
2115	4-Amino-2,6-dichlorophenol, 98%	2604	4-Bromo-2-thiophenecarboxaldehyde
1167	4-Amino-2,6-dihydroxypyrimidine, 97%	2292	4-Bromo-3,5-dimethylphenol, 99%
2932	4-Amino-2,6-diphenylphenol; 3,5-Diphenyl-4-hydroxyaniline	2235	4-Bromo-3-methylaniline, 99%
1648	4-Amino-2-chlorobenzoic acid, 97%	2473	4-Bromo-DL-phenylalanine, 99%
2648	4-Amino-2-chlorobenzotrile	800	4-Bromo-N,N-dimethylaniline, 99%
539	4-Amino-2-mercaptopyrimidine, 97%	310	4-Bromoanisole, 99%
392	4-Amino-2-nitrophenol	1055	4-Bromobenzamide, 97%
1561	4-Amino-3,5-diiodobenzoic acid	799	4-Bromobenzoic acid, 98%
2964	4-Amino-3,5-dinitrobenzamide, 98%	943	4-Bromobenzotrile, 98%
1608	4-Amino-3-hydroxybenzoic acid	200	4-Bromobenzophenone, 98%
1655	4-Amino-3-methoxybenzoic acid; 4-Amino-m-anisic acid	1165	4-Bromobenzyl alcohol, 99%
1656	4-Amino-3-methylbenzoic acid, 98%	2755	4-Bromobenzylamine .HCl, 98%
2196	4-Amino-3-nitrobenzotrile	213	4-Bromobiphenyl, tech., 90%
568	4-Amino-3-nitrobenzotrifluoride, 98%	2236	4-Bromoisophthalic acid, 97%
284	4-Amino-4'-nitrodiphenyl sulfide, 98%	1408	4-Bromoisquinoline, 98%
1236	4-Amino-6-chloro-2-(methylthio)pyrimidine, 97%	1961	4-Bromophenethyl alcohol, 99%
1922	4-Amino-9-fluorenone, 95%	805	4-Bromophenetole, 99%
1737	4-Amino-DL-phenylalanine .H2O, 97%	318	4-Bromophenol, 99%
2491	4-Amino-TEMPO, 97%	2969	4-Bromophenyl 2-chloroethyl ether
1717	4-Amino-m-cresol, 97%	2033	4-Bromophenyl methyl carbinol, 95%
149	4-Aminoantipyrine, 98%	1506	4-Bromophenylacetic acid, 99%
1711	4-Aminobenzamide	2216	4-Bromoresorcinol, 99%
1659	4-Aminobenzamidine .2HCl	311	4-Bromothioanisole, 97%
476	4-Aminobenzoic acid, 99%	1723	4-Bromoveratrole, 97%
1305	4-Aminobenzophenone, 98%	1394	4-Butoxybenzoic acid, 98%
1825	4-Aminobenzyl cyanide, 99%	2153	4-Butoxybenzyl alcohol, 98%
3074	4-Aminodibenzenesulfonamide, 99%	415	4-Butoxyphenol, 99+%
71	4-Aminohippuric acid, 97%	2637	4-Butylbenzoic acid, 99%
305	4-Aminophenethyl alcohol, 98%	463	4-Carboxybenzenesulfonamide, 99%
1079	4-Aminophenyl disulfide, tech.	2613	4-Carboxyphenoxyacetic acid, tech., 94%
1335	4-Aminophenylacetic acid, 96%	2685	4-Chloro-2-nitrobenzyl alcohol, 98%
2218	4-Aminoquinaldine, 98%	2973	4-Chloro-3-nitrobenzyl alcohol, 98%
2859	4-Aminoresorcinol .HCl, 97%	1461	4-Chloro-a-methylstyrene, 97%
81	4-Aminosalicylic acid, 99%	2993	4-Chloro-o-anisic acid, 99%
		286	4-Chloroacetoacetanilide, 98%

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
944	4-Chloroanisole, 99%	1036	4-Methoxy-6-methyl-2H-pyran-2-one
923	4-Chlorobenzamide	878	4-Methoxybenzophenone, 97%
395	4-Chlorobenzhydrol, 98%	1061	4-Methoxyphenethyl alcohol, 98%
454	4-Chlorobenzophenone, 99%	413	4-Methoxyphenylacetone, 97+%
1166	4-Chlorobenzyl alcohol, 99%	2429	4-Methyl-1,2,4-triazoline-3,5-dione
2252	4-Chlorodiphenyl ether	965	4-Methyl-1-pentanol, 99%
2736	4-Chloroindole, 99%	2657	4-Methyl-2-(piperidinomethyl)pehnol
1500	4-Chlorophenethyl alcohol, 99%	1949	4-Methyl-2-oxopentanoic acid, sodium salt, 98+%
1576	4-Chlorophenyl 2,3-epoxypropyl ether, 99%	2430	4-Methyl-2-pyrazolin-5-one, 98%
2222	4-Chlorophenyl cyclopropyl ketone	2575	4-Methyl-3-nitroanisole, 97%
135	4-Chlorophenyl phenyl sulfone, 97+%	250	4-Methyl-3-nitrobenzoic acid, 99%
1762	4-Chlorophenyl sulfoxide, 97%	2914	4-Methyl-3-nitrobenzyl alcohol, 99%
1504	4-Chlorophenylacetic acid, 97%	1091	4-Methyl-3-penten-1-ol
2170	4-Chloropropiophenone, 97%	2215	4-Methyl-3-thiosemicarbazide
1260	4-Chlorostyrene, 99%	3115	4-Methyl-7-(phenylacetamido)coumarin
1387	4-Chromanol, 97%	1402	4-Methylbenzhydrol
2893	4-Cyanophenyl P-heptylbenzoate, 99+%	453	4-Methylbenzophenone, 97%
1943	4-Cyclohexyl-1-butanol, 99%	808	4-Methylcyclohexanol, 99%, mixture of cis and trans
951	4-Decanone, 98%	809	4-Methylcyclohexanone, 98%
1242	4-Diacetylbenzene, 98%	2769	4-Methylhippuric acid; N-(4-Methylbenzoyl)glycine
53	4-Dimethylaminoantipyrine, 97%	1056	4-Methylphenethyl alcohol, 99%
1600	4-Dodecyloxybenzoic acid, 99%	942	4-Methylphenetole; 4-Ethoxytoluene
3014	4-Ethoxy-3-methoxybenzyl alcohol, 98%	3004	4-Methylprimidone, 99+%
3065	4-Ethoxy-3-methoxyphenethyl alcohol, 99%	1812	4-Methylpyrimidine, 97%
2152	4-Ethoxybenzyl alcohol, 98%	1698	4-Methylumbelliferyl acetate; 7-Acetoxy-4-methylcoumarin
1980	4-Ethoxyphenylacetic acid, 98%	2710	4-Morpholinobenzophenone, 97%
2065	4-Ethoxystyrene	2210	4-Nitro-2,1,3-benzothiadiazole, 99%
1205	4-Ethylacetophenone, 97%	924	4-Nitrobenzyl alcohol, 99%
1098	4-Ethylbenzyl alcohol, 99%	1346	4-Nitrochalcone, 99%
2057	4-Ethylcyclohexanone, 97%	1690	4-Nitrohippuric acid, 98%
270	4-Ethylnitrobenzene, 99+%	1754	4-Nitroimidazole, 97%
555	4-Fluoro-3-nitroaniline	1969	4-Nitroindole, 97%
603	4-Fluoroanisole, 99%	272	4-Nitrophenethyl alcohol, 99%
1132	4-Fluorobenzamide, 98%	2809	4-Nitrophenethylamine .HCl
602	4-Fluorobenzyl alcohol, 98%	273	4-Nitrophenetole; 1-Ethoxy-4-nitrobenzene
601	4-Fluorocinnamic acid, 99%	1138	4-Nitrophenyl acetate, 97%
2302	4-Fluorophenethyl alcohol, tech., 90%	1907	4-Nitrophenyl trimethylacetate
570	4-Fluorophenoxyacetic acid	1858	4-Nitrophenyl-a-D-glucopyranoside
561	4-Fluorophenyl sulfone, 99%	744	4-Nitrophenylacetoneitrile, 98%
418	4-Heptanone, 98%	1841	4-Nitrophthalhydrazide, 98%
2888	4-Heptylbenzoic acid, 99%	2519	4-Nonyloxybenzoic acid
2518	4-Heptyloxybenzoic acid	1658	4-Octyloxybenzoic acid
1186	4-Hexen-1-ol, 99%, mostly trans	1731	4-Oxo-TEMPO, 95%
2662	4-Hexylbenzoic acid	1127	4-Penten-1-ol, 99%
1809	4-Hydroxy-3-methyl-2-butanone	2757	4-Pentylbenzoic acid, 99%
2695	4-Hydroxy-3-phenyl-2(5H)-furanone	2256	4-Pentylbiphenyl, 99%
2913	4-Hydroxy-4-phenylpiperidine, 99%	90	4-Phenoxybenzaldehyde, 98%
1041	4-Hydroxy-6-methyl-2-pyrone, 98%	1337	4-Phenoxybutyl bromide, 97%
1587	4-Hydroxy-TEMPO	1803	4-Phenyl-1-butanol, 99%
1446	4-Hydroxyantipyrine	2528	4-Phenylazomaleinaniil, 97%
676	4-Hydroxybutyric acid, sodium salt, 99%	1492	4-Phenylbutyric acid, 99%
2084	4-Indolyl acetate, 99%	1978	4-Phenylcyclohexanone, 98+%
1819	4-Iodopyrazole, 99%	1032	4-Phenylimidazole, 97%
2520	4-Methoxy-1-naphthaldehyde, 99%	1302	4-Phenylpyridine-N-oxide
2117	4-Methoxy-1-naphthonitrile, 99%	1813	4-Phenylpyrimidine, 96%
188	4-Methoxy-3-nitrobenzoic acid, 98%		

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
2056	4-Phenylsemicarbazide .HCl, 99%	1369	5-Benzyloxygramine
724	4-Phenylsemicarbazide, 97%	1344	5-Benzyloxyindole
2521	4-Phenylurazole, 98%	2075	5-Bromo-1,2,4-trimethylbenzene, 99%
309	4-Tolualdehyde, 97%	2664	5-Bromo-2-chlorobenzoic acid, 95%
1008	4-Vinylanisole, 99%	3080	5-Bromo-2-methoxybenzyl alcohol, 97%
1605	4-Vinylbiphenyl, 98%	2268	5-Bromo-4-chloro-3-indolyl b-D-galactoside
137	4-t-Amylphenol	2206	5-Bromo-DL-tryptophan, 99%
2267	4-t-Butyl-1,2-(methylenedioxy)benzene	2830	5-Bromo-N-(carboxymethyl)anthranilic acid, 97%
1893	4-t-Butyl-2,6-dinitrophenol	2722	5-Bromo-o-anisaldehyde, 99%
1171	4-t-Butylbenzyl alcohol, 98%	1545	5-Bromoacenaphthene
256	4-t-Butylcyclohexanone, 99%	1589	5-Bromocytosine, 99%
494	4H-Cyclopenta[def]phenanthrene, 97%	2370	5-Bromoindole, 99%
336	4H-Pyran-4-one, 99%	2911	5-Bromoindole-3-acetic acid, 97%
1968	5'-Deoxyadenosine	2642	5-Bromonicotinic acid, 98%
1894	5'-Iodo-5'-deoxyadenosine, 99+%	1957	5-Bromopyrimidine, 95%
1999	5'-Tosyladenosine, 99+%	1478	5-Bromosalicylaldehyde, 99%
433	5,5-Dimethyl-1,3-cyclohexanedione, 95%	192	5-Bromosalicylic acid, 98%
1796	5,5-Dimethyl-1-pyrroline N-oxide, 97%	1549	5-Bromovaleric acid, 97%
121	5,5-Dimethylhydantoin, 97%	1746	5-Bromovanillin, 98%
1052	5,5-Dimethylloxazolidine-2,4-dione, 99%	2238	5-Bromoveratraldehyde
2652	5,5-Diphenyl-2-thiohydantoin, 99%	2885	5-Carbethoxy-2-thiouracil, 99%
2055	5,6-Diamino-1,3-dimethyluracil .H2O	1911	5-Chloro-1,10-phenanthroline
1808	5,6-Dihydro-2H-pyran-2-one, 99%	2475	5-Chloro-1-phenyl-1H-tetrazole, 97%
2569	5,6-Dihydro-4-methoxy-2H-pyran, 98%	244	5-Chloro-2-hydroxyaniline, 97%
1557	5,6-Dimethoxy-1-indanone	3056	5-Chloro-2-nitrobenzyl alcohol, 97%
2485	5,6-Dimethoxyindole	2123	5-Chloro-2-pentanone ethylene ketal, 97%
1751	5,6-Dimethyl-1,10-phenanthroline	235	5-Chlorobenzotriazole, 99%
787	5,6-Dimethylbenzimidazole, 99+%	1340	5-Chlorodibenzosuberane, 96%
2497	5,6-Isopropylidene-L-ascorbic acid	2401	5-Chloroindole-2-carboxylic acid, 98%
2445	5,7-Dimethyl-1-tetralone	2679	5-Chloromethyl-2-oxazolidinone, 98%
2389	5-(1-Naphthylamino)-1,2,3,4-thiaziazole	1491	5-Chlorouracil, 99%
25	5-(Trifluoromethyl)uracil, 99%	1280	5-Chlorovaleric acid, 98%
2907	5-Acetylsalicylamide; 5-Acetyl-2-hydroxybenzamide	2865	5-DOXYL-decane, free radical
1604	5-Amino-1,3,4-thiadiazole-2-thiol, 98%	2045	5-Diethylamino-2-pentanol
191	5-Amino-2-chlorobenzoic acid, tech., 85%	2951	5-Ethyl-5-p-tolylbarbituric acid, 99+%
2950	5-Amino-3-methylisothiazole .HCl, 97%	567	5-Fluoro-2-methylbenzothiazole
2490	5-Amino-3-methylisoxazole	483	5-Fluorotryptophan
2573	5-Amino-3-phenyl-1,2,4-thiadiazole, 99%	1128	5-Hexen-1-ol, 99%
2772	5-Amino-4-pyrazolecarboxamide hemisulfate	2052	5-Hydantoinacetic acid
2872	5-Amino-6-nitroquinoline, 98%	3009	5-Hydroxypentanal oxime
2705	5-Aminoindan, 97%	1247	5-Iodouridine
2612	5-Aminoindazole	1998	5-Methoxy-1-indanone, 98%
2005	5-Aminoindole, 97%	1262	5-Methoxy-2-methylindole, 99%
266	5-Aminoisophthalic acid, tech.	2544	5-Methoxygramine, 99%
1294	5-Aminoisoquinoline, 99%	1997	5-Methoxyindane
2061	5-Aminolevulinic acid .HCl, 99%	1820	5-Methoxyindole-3-acetic acid, 99%
2263	5-Aminoortotic acid, 99%	1025	5-Methoxysulfadiazine, 99%
875	5-Aminoquinoline, 97%	853	5-Methoxytryptamine
1940	5-Aminotetrazole .H2O, 99%	87	5-Methoxytryptamine .HCl, 97%
1196	5-Aminouracil, 98%	1750	5-Methyl-1,10-phenanthroline, 99+%
974	5-Aminovaleric acid .HCl, 99%	2606	5-Methyl-2-furylmethyl benzoate
1030	5-Aminovaleric acid, 97%	2078	5-Methyl-2-pyrazinecarboxylic acid
530	5-Azacytidine	1512	5-Methyl-2-thiophenecarboxylic acid, 99%
		1788	5-Methyl-5-hexen-2-one
		2230	5-Methyl-5-phenylhydantoin, 99%

**ThermoFisher**  
SCIENTIFIC

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
2972	5-Methyltryptamine .HCl, 98%	2629	6-Nitroveratraldehyde, 97%
1910	5-Nitro-1,10-phenanthroline	1527	6-Thioxanthine
3053	5-Nitro-m-xylene-a,a'-diol	1185	6-Undecanone, 97%
2571	5-Nitroanthranilonitrile	1403	7,7,8,8-Tetracyanoquinodimethane, 98%
871	5-Nitouracil, 99+%	2946	7,8-Benzo-1,3-diazaspiro[4.5]decane-2,4-dione
2146	5-Norbornen-2-yl acetate, 98%	619	7-(2,3-Dihydroxypropyl)theophylline, 99%
2394	5-Oxohexanenitrile	1224	7-Aminocephalosporanic acid, 99%
2105	5-Phenyl-1,3,4-oxathiazol-2-one	1189	7-Aminoheptanoic acid
652	5-Phenyl-1,3-cyclohexanedione	508	7-Azaindole, 98%
2402	5-Phenyl-1-pentanol, 99%	205	7-Diethylamino-4-methylcoumarin, 99%
2593	5-Phenyl-1H-tetrazole	2820	7-Ethoxycoumarin, 99.9+%
1593	5-Phenylvaleric acid, 99%	2228	7-Methoxy-1-tetralone, 99%
1606	5-t-Butylisophthalic acid	1901	7-Methoxy-2-tetralone, 97%
1496	5a-Androstane-3a,17b-diol	1668	7-Methoxy-4-methylcoumarin, 99%
756	5a-Cholestan-3-one, 97%	714	7-Methoxycoumarin, 98+%
699	5b-Cholestan-3a-ol	3021	7-Methoxycoumarin-4-acetic acid, 99%
906	6'-Butoxy-2,6-diamino-3,3'-azodipyridine, 99%	1647	7-Methylcoumarin, 98+%
2713	6'-Methyl-2'-acetoneaphthone	740	7-Methylxanthine
1243	6(5H)-Phenanthridinone	2921	7-Tetradecene, 98%
2974	6,7-Diacetoxy-4-methylcoumarin	1230	8-Aminocaprylic acid
1652	6,7-Dimethoxy-2-tetralone, 99%	1290	8-Azaadenine
2526	6,7-Dimethoxy-3-isochromanone	451	8-Azaguanine
1924	6,7-Dimethoxy-4-methylcoumarin	1694	8-Azahypoxanthine
5	6-(Methylthio)purine	1743	8-Bromoadenosine, 98%
543	6-(Methylthio)purine riboside	3075	8-Ethoxy-5-quinolinesulfonic acid, sodium salt .H2O
42	6-Acetamidohexanoic acid, 99%	2433	8-Ketotricyclo[5.2.1.0(2,6)]decane, 97%
2223	6-Amino-1,3-dimethyluracil	2891	8-Mercaptomenthone; 2-(2-Mercapto-2-propyl)-5-methylcyclohexano
1886	6-Amino-1-hexanol, 97%	1227	8-Phenyltheophylline, 98%
1643	6-Amino-1-methyluracil	703	9,10-Dibromoanthracene, 98%
2922	6-Amino-2,4-dimethylphenol, 98%	846	9,10-Dichloroanthracene, 98%
731	6-Amino-2-methyl-2-heptanol .HCl	888	9,10-Dihydroanthracene, 97%
3095	6-Amino-3,4-benzocoumarin	1798	9,10-Dihydrobenzo[a]pyren-7(8H)-one, 97%
1444	6-Amino-5-nitroso-2-thiouracil, 99%	1111	9,10-Dihydrophenanthrene, 97%
1716	6-Amino-m-cresol	1395	9,10-Diphenylanthracene, 99%
65	6-Aminocaproic acid, 99+%	1118	9-Acetylanthracene, 95%
2243	6-Aminoindazole	1539	9-Acetylphenanthrene
1775	6-Aminonicotinic acid, 98%	2125	9-Aminofluorene .HCl, 99%
2767	6-Aza-2-thiouridine, 99%	1217	9-Aminophenanthrene, 96%
1197	6-Azathymine, 98%	1339	9-Anthracenecarbonitrile, 97%
606	6-Azauracil, 99%	1080	9-Anthracenecarboxylic acid, 98%
26	6-Azauridine	1381	9-Anthracenemethanol
1343	6-Benzylaminopurine	2957	9-Anthryl trifluoromethyl ketone, 98+%
1926	6-Benzylaminopurine riboside, 99+%	1413	9-Bromoanthracene, 98%
2502	6-Bromo-2-naphthol, 97%	760	9-Bromophenanthrene, 96%
2034	6-Bromoveratraldehyde	1595	9-Ethylfluorene, 97%
172	6-Chloropurine, 99+%	2169	9-Fluoreneacetic acid
1207	6-Dimethylaminopurine	2702	9-Fluorenemethanol, 99%
403	6-Ethoxy-2-mercaptopbenzothiazole, 99%	628	9-Fluorenone, 98%
2308	6-Fluoro-DL-tryptophan, 97%	1418	9-Fluorenone-1-carboxylic acid
2780	6-Hydroxydopamine .HCl	1119	9-Fluorenone-2-carboxylic acid
764	6-Mercaptopurine riboside, 99+%	2154	9-Fluorenone-4-carboxylic acid, 97%
2446	6-Methoxy-1-indanone	611	9-Hydroxy-9-fluorene-carboxylic acid
1264	6-Methoxy-1-tetralone, 99%	1454	9-Hydroxyfluorene, 97+%
1740	6-Methoxy-2-methylbenzothiazole, 99%	198	9-Hydroxyxanthene, 98%
346	6-Methyl-5-hepten-2-one, 99%	1115	9-Methylanthracene, tech., 90%
1508	6-Nitro-o-tolunitrile, 98%		
1074	6-Nitropiperonal, 97%		
2506	6-Nitropiperonyl alcohol, 98%		

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
836	9-Nitroanthracene, 97%	1277	Allyl acetoacetate, 98%
835	9-Phenylanthracene, 98%	1475	Allyl phenyl ether, 99%
1317	9-Phenylcarbazole, 97%	749	Allylurea, 95%
1122	9-Phenylfluorene	2317	Aluminum nitrate .9H <sub>2</sub> O, 98%
824	9-Phenylxanthen-9-ol, 98%	2128	Aminoacetonitrile .HCl, 99%
2278	ACES; N-(2-Acetamido)-2-aminoethanesulfonic acid	2008	Aminodiphenylmethane .HCl, 97%
693	Abietic acid, tech., 85%	1516	Aminoguanidine .HCl
2191	Aceanthrenequinone	1675	Aminoguanidine bicarbonate, 98.5%
324	Acetaldoxime, 95%	1994	Aminomalnonitrile p-toluenesulfonate, 98%
436	Acetic acid, sodium salt, anhydrous, 99+%	1986	Aminopyrazine, 99+%
2122	Acetoacetamide; 3-Oxobutyramide	2505	Ammonium hexachlororhodate(III), 99.99%
288	Acetoacetanilide	2412	Ammonium iodide, 99.9999%
735	Acetohydroxamic acid, 98%	2901	Ammonium-15N chloride
383	Acetol, tech.	2804	Amygdalin
434	Acetone oxime, 98%	21	Androsterone, 97%
257	Acetophenone, 99%	394	Anisoin, 95%
664	Acetovanillone, 98%	507	Anthranil, 99%
692	Acetyl methyl carbinol, 85 wt.% solution in water	158	Anthraquinone, 99+%,
2668	Acetylpyrazine, 97%	385	Anthraquinone-2-carboxylic acid, 98%
7	Acetylsalicylic acid, 99%	67	Antipyrine, 98%
1802	Acid Blue 113 (C.I. 26360)	2416	Apiezon M
2514	Acid Orange 63 (C.I. 22870)	2417	Apiezon N
2374	Acid Orange 74 (C.I. 18745)	687	Arachidonic acid, from porcine liver
2104	Acid Orange 8 (C.I. 15575)	3027	Artemisinin; Arteannuin
1851	Acid Red 1 (C.I. 18050)	695	Atrolactic acid .1/2 H <sub>2</sub> O, 98%
2231	Acid Red 106 (C.I. 18110)	1556	Azelaic acid monomethyl ester, 96%
2198	Acid Red 151 (C.I. 26900)	1449	Azelanitrile, 95%
2106	Acid Red 4 (C.I. 14710)	3064	Azidomethyl phenyl sulfide, 95%
2379	Acid Red 97 (C.I. 22890)	1355	Bacitracin
1899	Acid Violet 17 (C.I. 42650)	1356	Bacitracin, zinc salt
2376	Acid Violet 5 (C.I. 18125)	2323	Balsam Canada, natural
2189	Acid Yellow 17 (C.I. 18965)	733	Barium acetate
2186	Acid Yellow 25 (C.I. 18835)	2307	Barium sulfate, 99.999%
2188	Acid Yellow 29 (C.I. 18900)	3106	Basic Blue 66; Atacryl Blue 3RL; C.I. 11075
2434	Acid Yellow 38 (C.I. 25135)	44	Benactyzine .HCl, 98%
2190	Acid Yellow 40 (C.I. 18950)	768	Benzaldehyde
2193	Acid Yellow 42 (C.I. 22910)	28	Benzamide, 99%
2187	Acid Yellow 76 (C.I. 18850)	225	Benzanilide
2325	Acriflavine .HCl	1163	Benzenesulfonic acid, sodium salt, 97%
513	Adamantane, 99+%	696	Benzenesulfonic acid, Na salt
114	Adenine, 99%	2023	Benzil monohydrazone, 98%
964	Adipic acid monoethyl ester, 98%	1966	Benzilamide
972	Adipic acid monomethyl ester, 99%	117	Benzilic acid, 99+%
1252	Adipic dihydrazide, 98%	10	Benzimidazole, 98%
637	Adonitol	497	Benzo[c]cinnoline, 99%
560	Adrenosterone; Androst-4-ene-3,11,17-dione	492	Benzo[ghi]perylene
2327	Agar powder	1435	Benzo[ghi]perylene
2359	Agarose, pure powder	785	Benzo[ghi]perylene
1654	Agmatine sulfate, 99%	719	Benzoic acid, potassium salt
3016	Alcian Yellow	763	Benzoic acid, sodium salt, 99+%
2351	Alginate, sodium salt	2677	Benzoin ethyl ether, 99%
793	Alizarin Yellow GG (C.I. 14025)	274	Benzoin isobutyl ether, 95%
264	Allantoic acid .1/2 H <sub>2</sub> O, 97%	2028	Benzonitrile, 99+%
253	Allantoin, 98%	609	Benzophenone hydrazone, 96%
1592	Alloxan .H <sub>2</sub> O, 98%	237	Benzopinacol
641	Alloxazine	2697	Benzotriazole, 99+%
		166	Benzotriazole-5-carboxylic acid
			Benzoyleneurea, 98%

**ThermoFisher**  
SCIENTIFIC

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
892	Benzoylhydrazine, 98%	291	Carbanilide, 98%
3092	Benzyl 2,2,2-trichloroacetimidate, 99%	1270	Carbomethoxymethylenetriphenylphosphorane
2037	Benzyl 3-oxobutanoate; Benzyl acetoacetate	1900	Carbobenzyloxy-DL-alanine
276	Benzyl alcohol, 99+%	1702	Carbobenzyloxy-DL-serine
935	Benzyl carbamate, 99%	1312	Carbobenzyloxy-L-alanine, 98%
297	Benzyl cinnamate, 99%	1599	Carbobenzyloxy-L-asparagine
479	Benzyl disulfide, 98%	1315	Carbobenzyloxy-L-proline, 99%
1144	Benzyl phenyl sulfide, 99%	1314	Carbobenzyloxy-L-serine, 99+%
927	Benzyl sulfone; Dibenzyl sulfone	1307	Carbobenzyloxyglycine, 99%
931	Benzyl sulfoxide, 98%	2339	Carboxymethyl cellulose, Na salt, ultra low viscosity
294	Benzyl-t-butanol, 97%	1352	Carminic acid
999	Berberine .HCl .H2O, 99%	1308	Caryophyllene oxide, 97%
812	Betaine .H2O, 99%	2751	Celazole(tm); Poly(benzimidazole)
811	Betaine .HCl, 99%	2341	Cellulose propionate (m.w.25,000)
326	Betaine, anhydrous, 98%	2358	Cellulose triacetate
616	Betulin; Lup-20(29)-ene-3,28-diol	2340	Cellulose, cyanoethylated
615	Betulonic acid; 3-Hydroxylup-20(29)-en-28-oic acid	1810	Cesium acetate, 99%
295	Bibenzyl	617	Chenodeoxycholic acid, 98%
477	Bicine, 99+%	1313	Chloroacetyl-L-tyrosine
1105	Bicyclo[3.3.1]nonane-3,7-dione	1837	Chlorodimethylisopropylsilane
1908	Biebrich Scarlet, water soluble	537	Chlorogenic acid, mostly trans
505	Biphenylene	545	Chloropentafluorobenzene, 95%
411	Bis(2-ethylhexyl) sebacate; Bis(2-ethylhexyl) decanedioate	2487	Chloropyrazine, 97%
1651	Bis(2-hydroxyphenyl)methane	101	Chlorpromazine .HCl; 2-Chloro-10-(3-dimethylaminopropyl)phenoth
3028	Bis(2-methylallyl) carbonate, 98%	625	Cholestane, 99+%
2803	Bis(4-chlorophenoxy)acetic acid, 99%	51	Cholesterol, 98%
929	Bis(4-hydroxyphenyl)methane, 98%	842	Cholesteryl acetate, 97%
1990	Bis(4-nitrophenyl) carbonate, 99+%	840	Cholesteryl benzoate, 98%
2036	Bis(pentamethylene)urea	1325	Cholesteryl caprylate, 97%
1250	Bis(trimethyltin) sulfide	1178	Cholesteryl chloride, 98%
1601	Bis-N-methylacridinium nitrate	2495	Cholesteryl hydrocinnamate, 97%
1499	Blue tetrazolium	841	Cholesteryl linoleate
2348	Brij 58; Polyoxyethylene(20) cetyl ether	1324	Cholesteryl normal-heptylate, 97%
2350	Brij 78; Polyoxyethylene(20) stearyl ether	524	Cholesteryl oleate, 97%
2349	Brij 99; Polyoxyethylene(20) oleyl ether	2562	Cholesteryl oleyl carbonate
2046	Brilliant Crocein MOO (C.I. 27290)	832	Cholesteryl palmitate, 97%
998	Brilliant Green	1326	Cholesteryl pelargonate, 97%
1757	Brilliant Yellow (C.I. 24890)	143	Cholic acid
1534	Bromoacetaldehyde diethyl acetal, 97%	645	Chromone, 97%
1425	Bromotriphenylethylene, 98%	1827	Chromoxane Cyanine R
2568	Brucine-N-oxide .H2O	622	Chrysin
123	Butadiene sulfone, 98%	1725	Chrysophenine (C.I. 24895)
720	Butopyronoxyl; Indalone, 85+%	2934	Cibacron Brilliant Yellow 3G-P
1547	Butyl levulinate, 98%	2940	Cimetidine
1298	Butyl phenyl ether, 99%	388	Cinchonine
826	Butyl sulfone	612	Cineole, 99%
1571	Butyl sulfoxide, tech., 93%	934	Cinnamamide, 97%, mostly trans
306	Butylbenzene, 99+%	2666	Cinnoline-4-carboxylic acid, 98%
723	Butylmalonic acid, 99%	665	Citraconic acid, 99+%
2897	Butylsulfamic acid	126	Citric acid, 99.5+%
818	Butylurea, 99%	598	Coniferyl alcohol
654	Butyrophenone, 99%	491	Coronene
74	Calcium acetate .H2O, 99%	481	Cortexolone
2318	Calcium tungstate(VI)	1323	Corticosterone 21-acetate; 21-Acetoxy-11-hydroxy-4-pregnene-3,2
518	Carbamazepine; N-Carbamylidibenz[b,f]azepine	19	Cortisone; 17a,21-Dihydroxy-4-pregnene-3,11,20-trione

**ThermoFisher**  
SCIENTIFIC

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
2321	Cottonseed oil	1480	D-Galactosamine .HCl, 98%
2130	Creatine .H <sub>2</sub> O, 99%	1044	D-Galacturonic acid .H <sub>2</sub> O
1939	Cyclobutanemethanol, 99%	520	D-Gluconic acid, calcium salt, 99%
2043	Cyclobutyl phenyl ketone, 98%	519	D-Gluconic acid, potassium salt, 99%
517	Cyclodecane	707	D-Gluconic acid, sodium salt, 97%
1399	Cyclodecanone, 96%	3116	D-Glucose-6-13C
1463	Cyclododecanol, 99%	2832	D-Glucurono-6,3-lactone, 99+%
1139	Cyclododecanone, 99+%	2232	D-Glutamic acid, 99+%
1748	Cyclododecyl methyl ether; Methoxycyclododecane	2674	D-Glycero-L-manno-heptonic acid g- lactone
1375	Cycloheptanecarboxylic acid, 99%	2352	D-Glycogen, ex mammalian liver
671	Cycloheptanol, 97%	2179	D-Gulonic acid g-lactone, 99%
672	Cycloheptanone, 97%	2778	D-Lactic acid, lithium salt, 98%
1631	Cycloheptyl bromide, 97%	538	D-Leucine
258	Cyclohexanecarboxylic acid, 97%	1272	D-Lyxose, 99%, mixture of anomers
1420	Cyclohexanone 2,4- dinitrophenylhydrazone, 99+%	549	D-Methionine, 99+%
277	Cyclohexanone oxime, 97%	535	D-Norleucine, 99%
940	Cyclohexyl acetate, 99%	2548	D-Ornithine .HCl, 98%
335	Cyclohexyl bromide, 95%	2645	D-Penicillamine disulfide
1193	Cyclohexyl isocyanide	1037	D-Phenylalanine, 99+%
1073	Cyclohexyl phenyl ketone, 98%	546	D-Proline, 99+%
1133	Cyclohexylbenzene, 96%	2583	D-Raffinose .5H <sub>2</sub> O
275	Cyclohexylmethanol, 99%	3051	D-Ribose-1-13C
1666	Cyclohexylmethyl bromide, 97%	563	D-Saccharic acid 1,4-lactone .H <sub>2</sub> O
1801	Cyclononane, 95%	769	D-Saccharic acid, monopotassium salt, 98%
1054	Cyclooctanol, 99%	529	D-Serine
674	Cyclooctanone, 98%	6	D-Sorbitol, 99+%
675	Cyclopentadecanone, 96%	994	D-Threonine
1839	Cyclopentanemethanol, 97%	13	D-Thyroxine
248	Cyclopentanol, 99%	482	D-Tryptophan, 99+%
2137	Cyclophosphamide .H <sub>2</sub> O, 98+%	1018	D-Valine, 98+%
2260	Cyclopropyl 4-methoxyphenyl ketone	2303	D-a-Aminoadipic acid
2100	Cyclopropyl diphenyl carbinol	2712	D-allo-Threonine
2825	Cyclopropyl phenyl carbinol, 97%	2306	DL-2-Amino-4-pentenoic acid
1821	Cyclopropyl phenyl ketone, 97%	730	DL-2-Aminoadipic acid .H <sub>2</sub> O
1162	Cyclopropylbenzene, 97%	1713	DL-2-Aminobutyric acid, 99+%
1172	Cycloundecanone, 99+%,	2609	DL-2-Hydroxybutyric acid, sodium salt, 98%
32	Cystamine .2HCl, 97%	2386	DL-2-Hydroxyisocaproic acid, 99%
80	Cytidine, anhydrous	1714	DL-3-Amino butyric acid, 99%
2650	D(-)-a-Phenylglycinol, 98%	2406	DL-3-Aminoisobutyric acid .H <sub>2</sub> O, 99%
110	D,L-2-Methylglutamic acid, 99%	1687	DL-3-Fluorophenylalanine, 95%
1835	D-(+)-Fucose	528	DL-3-Hydroxybutyric acid, sodium salt, 99%
88	D-(+)-Glucosamine .HCl, 98%	2285	DL-4-Chlorophenylalanine, 98%
2018	D-(+)-Ribonic acid g-lactone	2867	DL-4-Chlorophenylalaninol, 99%
736	D-(+)-Turanose	1782	DL-6-Thioctic amide, 98%
58	D-(+)-Xylose, 99+%	907	DL-Alanine ethyl ester .HCl, 99%
3107	D(-)-2,10-Camphorsultam; (1S)-(-)- 10,10-Dimethyl-3-thia-4-azat	523	DL-Alanine, 99%
2787	D(-)-Arabinose, 99+%	3058	DL-Alanine-2-naphthylamide .HCl
46	D(-)-Fructose, 98%	1771	DL-Asparagine .H <sub>2</sub> O, 98%
721	D-2-Deoxyribose	911	DL-Aspartic acid
540	D-Alanine, 99+%	970	DL-Citrulline, 97%
1680	D-Allose	97	DL-Cycloserine, 97%
638	D-Arabitol, 99%	37	DL-Glyceraldehyde, 98%
969	D-Arginine .HCl	1983	DL-Histidine, 98%
1487	D-Aspartic acid, 99+%	14	DL-Homatropine .HBr
709	D-Cellobiose	680	DL-Homocysteic acid, 98%
550	D-Cystine		
788	D-Erythrose, 85%		

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
2133	DL-Homocysteine thiolactone .HCl, 99%	69	Dibucaine .HCl; 2-Butoxy-N-(2-diethylaminoethyl)cinchoninamide
1514	DL-Homoserine, 99%	180	Dibutyl L-tartrate, 99%
1433	DL-Isocitric acid, trisodium salt .H2O	317	Dibutyl adipate; Dibutyl hexanedioate
993	DL-Isoserine	2525	Dibutyl suberate; Dibutyl octanedioate
106	DL-Lysine .HCl, 99%	604	Dicyandiamide, 97%
877	DL-Mandelic acid, 98%	212	Dicyclohexyl
62	DL-Methionine, 99%	397	Dicyclohexyl ketone
2472	DL-Methyl (phenylsulfinyl)acetate, 98%	1945	Dicyclohexylmethanol
1040	DL-Mevalonic acid lactone	1285	Dicyclopropyl ketone, 95%
903	DL-Norleucine, 98%	2294	Diethyl (3,4,5-trimethoxybenzoyl)malonate, 97+%
1090	DL-Norvaline, 99%	1410	Diethyl 1,1-cyclopropanedicarboxylate, 97%
133	DL-Pantolactone; 3-Hydroxy-4,4-dimethyl-dihydro-2(3H)-furanone	314	Diethyl 1,3-acetonedicarboxylate
478	DL-Phenylalanine, 99%	2567	Diethyl 2-(2-cyanoethyl)malonate, 98%
864	DL-Proline, 99%	2795	Diethyl 2-(p-tolyl)malonate
475	DL-Pyroglutamic acid; 5-Oxoproline	2014	Diethyl 2-bromoethylphosphonate, 97%
2089	DL-Serine methyl ester .HCl, 99%	2818	Diethyl 3,4-furandicarboxylate, 95%
24	DL-Tryptophan, 99+%	2831	Diethyl 3-hydroxyglutarate, 97%
2653	DL- $\alpha$ -Amino-2-thiopheneacetic acid, 98%	2178	Diethyl 4-oxopimelate, 99%
1029	DL- $\alpha$ -Methyltyrosine, 98%	179	Diethyl L-tartrate, 98%
1710	DL- $\alpha$ -Phenylglycine, 95%	2438	Diethyl aminomalonalate .HCl, 98%
1688	DL-o-Fluorophenylalanine, 99%	2011	Diethyl benzalmalonate, 98%
2840	DL-t-Leucine; 2-Amino-3,3-dimethylbutyric acid	852	Diethyl benzylmalonate, 97%
2784	DL-trans-4-Chlorostilbene oxide, 98%	2960	Diethyl bis(4-pivaloylbenzyl)malonate, 98%
2530	DOXYL-cyclohexane, free radical	2635	Diethyl bis(hydroxymethyl)malonate
1358	Dansylamide, 99%	120	Diethyl diethylmalonate, 98%
3093	Davy Reagent Methyl; 2,4-Bis(methylthio)-1,3-dithia-2,4-diphosph	1428	Diethyl dimethylmalonate, 97%
1479	Decafluorobenzhydrol, 97+%	2398	Diethyl dodecanedioate
1153	Decafluorobenzophenone, 98%	1378	Diethyl ethylidenemalonate, 99%
576	Decafluorobiphenyl, 97%	449	Diethyl ethylmalonate, 99%
351	Decanedioic acid; Sebacic acid	2180	Diethyl formamidomalonalate, 97%
1533	Dehydroabietylamine acetate	950	Diethyl fumarate, 98%
643	Dehydroascorbic acid	1125	Diethyl glutarate, 99+%
586	Deoxybenzoin, 97%	861	Diethyl ketomalonalate, 98%
153	Deoxycholic acid, 99+%	464	Diethyl maleate, tech., 90%
35	Deoxycorticosterone acetate; 21-Acetoxy-4-pregnene-3,20-dione	315	Diethyl malonate, 99%
401	Desoxyanisoin, 98%	860	Diethyl methylmalonate, 99%
79	Desoxycorticosterone	2119	Diethyl oxalpropionate
2342	Dextrin	2486	Diethyl phenyl orthoformate
956	Diacetamide, 98%	1434	Diethyl phenylphosphonite, 99%
1729	Diacetone acrylamide, 99%	1542	Diethyl pimelate, 99%
786	Diacetone-D-glucose	1569	Diethyl propylmalonate, 99%
1182	Diallyl succinate	343	Diethyl sebacate, tech., 95%
1327	Diaminomaleonitrile, 98%	1543	Diethyl suberate
448	Dibenzofuran, 99+%	1089	Diethyl t-butylmalonate
1145	Dibenzosuberane, 98%	2617	Diethyl tetradecanedioate, 99%
2392	Dibenzosuberone	607	Dihexyl ketone, 97%
1585	Dibenzosuberone, 97%	2420	Dihydro-4,4-dimethyl-2,3-furandione
1341	Dibenzosuberol, 97%	918	Dihydrocarveol, 95+%, mixture of isomers
1342	Dibenzosuberone, 97%	2598	Dihydromyrcenol, tech., 90%
1244	Dibenzothiophene sulfone, 97%	2762	Diisooctyl azelate; Diisooctyl nonanedioate
402	Dibenzoylmethane, 98%	2879	Dimethyl (2-oxoheptyl)phosphonate, tech.
1429	Dibenzyl phosphate, 99%	1912	Dimethyl (2-oxopropyl)phosphonate, 95%
821	Dibromodichloromethane		

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
1494	Dimethyl 1,3-acetonedicarboxylate, 97%	370	Elaidic acid, 99+%
1373	Dimethyl 1,3-adamantanedicarboxylate	737	Eosin B
2453	Dimethyl 2,3-naphthalenedicarboxylate	2978	Eosin B, spirit soluble (C.I. 45400)
1151	Dimethyl 2,6-naphthalenedicarboxylate, 98%	626	Epiandrosterone, 97%
1925	Dimethyl 3,4-furandicarboxylate	50	Ergosterol, 98%
2948	Dimethyl 3-methylglutaconate, 95%, mixture of cis & trans	371	Erucamide; (Z)-13-Docosenoamide
1987	Dimethyl D-tartrate, 99%	372	Erucic acid, 99+%
857	Dimethyl L-tartrate, 99%	715	Esculin .H2O, 97%
973	Dimethyl adipate, 98%	45	Eserine, 99%
1472	Dimethyl azelate; Dimethyl nonanedioate	20	Estrone, 99+%
1382	Dimethyl brassylate, 99%	572	Ethisterone; 17a-Hydroxypregn-4-en-20-yn-3-one
2558	Dimethyl ethylidenemalonate, 98%	1268	Ethopropazine .HCl
1279	Dimethyl glutarate, 98%	417	Ethoxymethylenemalononitrile, 98%
333	Dimethyl malonate, 97%	1627	Ethyl (E)-3-hexenoate
858	Dimethyl methylmalonate	1215	Ethyl (E)-b-methylcinnamate
1424	Dimethyl methylsuccinate, 99%	2715	Ethyl (R)-(-)-3-hydroxybutyrate
2010	Dimethyl nitroterephthalate, 99%	3101	Ethyl (phenylacetoxyl)acetate
1744	Dimethyl phenylphosphonite, 98%	2633	Ethyl 1,3-dithiane-2-carboxylate, 99%
1470	Dimethyl pimelate, 97%	2632	Ethyl 1,3-dithiolane-2-carboxylate, 99%
323	Dimethyl sebacate, 99%	1046	Ethyl 10-undecenoate; Ethyl 10-hendecenoate
1471	Dimethyl suberate, 99%	901	Ethyl 2,4-dioxovalerate, 98%
239	Dimethylglyoxime, 99+%	2955	Ethyl 2-amino-4-thiazoleacetate, 99%
431	Dipentaerythritol, tech.	928	Ethyl 2-benzylacetoacetate, 97%
1150	Diphenyl phosphate	2140	Ethyl 2-bromobenzoate
1219	Diphenylacetaldehyde, 95%	2709	Ethyl 2-cyclohexanoneacetate, tech.
384	Diphenylacetic acid, 99+%	1436	Ethyl 2-cyclohexanonecarboxylate
670	Diphenylacetylene, 99%	1386	Ethyl 2-fluorobenzoylacetate
1176	Diphenylcyclopropenone, 98%	896	Ethyl 2-furoate, 99%
1573	Diphenylfulvene, 99%	138	Ethyl 2-hydroxyisobutyrate, 98%
2698	Diphenylglyoxime	862	Ethyl 2-methylacetoacetate, 97%
285	Diphenylmethane, 99%	167	Ethyl 2-methylbenzoate, 99%
1460	Diphenylphosphinic acid, 99%	2647	Ethyl 2-methylcyclopropanecarboxylate, 98%
3034	Dipivaloyl-L-tartaric acid	872	Ethyl 2-oxocyclopentanecarboxylate, 97%
2200	Direct Orange 31	2991	Ethyl 2-thiopheneacetate, 98%
1706	Direct Red 75 (C.I. 25380)	916	Ethyl 3,5-dinitrobenzoate
1681	Direct Red 81	2704	Ethyl 3-bromobenzoate
2380	Direct Yellow 27 (C.I. 13950)	585	Ethyl 3-fluorobenzoate
1783	Direct Yellow 50 (C.I. 29025)	895	Ethyl 3-furoate, 98%
2199	Direct Yellow 62 (C.I. 36900)	2040	Ethyl 3-hydroxybutyrate, 99%
2375	Direct Yellow 8 (C.I. 13920)	1114	Ethyl 3-indoleacetate, 99%
2507	Disorbitylamine	2627	Ethyl 3-methyl-2-oxobutyrate, 98%
1726	Disperse Red 1; C.I. 11110; N-Ethyl-N-(2-hydroxyethyl)-4-(4-nit	1791	Ethyl 3-oxohexanoate; Ethyl butyrylacetate, 98%
2192	Disperse Yellow 9 (C.I. 10375)	1532	Ethyl 3-phenylpropionate; Ethyl hydrocinnamate
2989	Disuccinimidyl oxalate	2883	Ethyl 3-thiopheneacetate, 98%
1526	Dithiouracil, 95%	2038	Ethyl 4'-chlorooxanilate, 97%
1426	Dodecahydrotriphenylene, 99%	1707	Ethyl 4-acetyl-5-oxohexanoate
363	Dodecane, 99%	2890	Ethyl 4-acetylbenzoate
1448	Dodecanophenone, 98%	2468	Ethyl 4-acetylbutyrate, 96%
369	Dodecyl acetate, 97%	3003	Ethyl 4-amino-1-piperidinecarboxylate, 95%
734	Dotriacontane, 97%	2385	Ethyl 4-dimethylaminobenzoate, 99+%
856	Dulcitol, 97%	587	Ethyl 4-fluorobenzoate, 99%
2384	Durene-a(1),a(2)-dithiol, 97%	2443	Ethyl 4-methyl-2-cyclohexanone-1-carboxylate
2538	Eedq; N-ethoxycarbonyl-2-ethoxy-1,2-dihydroquinoline, 99+%		
686	Eicosanoic acid, 99%		

**ThermoFisher**  
SCIENTIFIC

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
2261	Ethyl 4-methyl-3-oxopentanoate; Ethyl isobutyrylacetate	2887	Fluorescamine
268	Ethyl 4-nitrobenzoate, 99%	823	Fluorescein diacetate
1149	Ethyl 4-nitrobenzoylacetate	3061	Folic acid .2H <sub>2</sub> O, 99%
1972	Ethyl 5-chloro-2-indolecarboxylate, 97%	2585	Fomocaine; 4-(3-(4-(Phenoxymethyl)phenyl)propyl)morpholine
1929	Ethyl DL-mandelate, 97%	301	Formanilide, 97%
1662	Ethyl N-benzyl-N-cyclopropylcarbamate, 98%	945	Furfuryl acetate, 99%
3062	Ethyl Red	2852	Furfuryl benzoate
1625	Ethyl Violet	647	Furil
1509	Ethyl acetamidoacetate, 98%	741	Furoin
1981	Ethyl acetamidocyanoacetate, 97%	726	Furylacrylic acid, 99%
466	Ethyl acetoacetate, 99%	1086	Fusidic acid, Na salt
2614	Ethyl b-(1-adamantyl)-b-oxopropionate, 98%	2900	Galactan, ex gum arabic
2877	Ethyl b-oxo-3-furanpropionate; Ethyl 3-(3-furyl)-3-oxopropionate	2680	Galvinoxyl, free radical
227	Ethyl benzoylacetate, 97%	1297	Girard's reagent P, 98%
342	Ethyl caprate; ethyl decanoate, 99+%	419	Girard's reagent T, 99%
1866	Ethyl cyanoglyoxylate-2-oxime, 97%	1861	Glucuronamide, 99%
2371	Ethyl cyclohexanepropionate, 99%	347	Glutaric acid, 99%
2063	Ethyl cyclohexylacetate, 96%	1287	Glutarimide, 98%
2139	Ethyl diethoxyacetate, 99%	105	Glutathione, reduced, 96%
1383	Ethyl diethoxyphosphinylformate, 98%	1441	Glycinamide .HCl, 98%
976	Ethyl hexadecanoate; Ethyl palmitate	2127	Glycine .HCl, 98%
2237	Ethyl hydrazinoacetate .HCl, 97%	319	Glycine anhydride
1860	Ethyl indole-2-carboxylate, 97%	2093	Glycine methyl ester .HCl, 98%
1807	Ethyl isodehydracetate, 99%	33	Glycine, 98%
727	Ethyl levulinate, 98%	1855	Glycol sulfite, 99+%
1872	Ethyl methoxyacetate, 98%	2688	Glycolaldehyde dimer, crystalline
961	Ethyl nitroacetate	2281	Glycyl-L-glutamic acid
910	Ethyl oxamate, 96%	1158	Glycyl-L-leucine
1372	Ethyl oxanilate, 98%	746	Glycylglycine, 98%
939	Ethyl phenyl sulfide	1009	Glycylglycylglycylglycine, 97%
287	Ethyl phenylacetate, 99%	1253	Glyoxal dithiosemicarbazone, 98%
1582	Ethyl phenylpropionate, 98%	174	Gramine, 99%
909	Ethyl pyruvate, 98%	639	Guaiazulene, 99%
1628	Ethyl sorbate, 99%	553	Guanidineacetic acid
825	Ethyl sulfone, 97%	387	Guanosine .H <sub>2</sub> O
2298	Ethyl triacontanoate, 98%	2326	Gum guaiac
2783	Ethyl tridecanoate	2411	Gum xanthan; Xanthan gum
971	Ethyl undecanoate, 99%	3060	HEPES, sodium salt, 99%
2744	Ethylene/methacrylic acid ionomer, sodium ion, melt index 2.8	2277	HEPES; 4-[2-(Hydroxyethyl)]-1-piperazineethanesulfonic acid, 99
2355	Ethylene/propylene copolymer, low m.w.	2516	Hafnium sulfate, 99.99%
2718	Ethylene/vinyl acetate copolymer	17	Haloperidol; 4-(4-(4-Chlorophenyl)-4-hydroxypiperidino)-4'-fluoro
91	Ethylenebis(oxyethylenenitrilo)tetraacetic acid, 97%	525	Harmaline
112	Ethinylestradiol 3-methyl ether	2132	Harmaline .HCl .2H <sub>2</sub> O
3019	Europium(III) acetate .H <sub>2</sub> O	631	Harmene, 98%
1958	Farnesol, 95%, mixture of isomers	915	Helicin, 99%
399	Fast Blue BB (C.I. 37175)	984	Heneicosane
2163	Fast Blue RR (C.I. 37155)	1607	Heneicosanoic acid, 99%
252	Fast Red ITR, 98% (C.I. 37150)	983	Heptadecane, 99%
265	Fast Violet B (C.I. 37165)	423	Heptyl cyanide, 97%
633	Flavanone, 98%	701	Hesperidin
2185	Flavazin L (C.I. 18820)	987	Hexacosane, 99%
163	Fluorene, 98%	683	Hexadecanedioic acid, 98%
		1683	Hexaethylene glycol, 98%
		177	Hexamethylbenzene, 99+%
		2405	Hexamminecobalt(III) chloride, 99.999%

**ThermoFisher**  
SCIENTIFIC

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
1228	Hexaphenylbenzene, 98%	462	L-(+)-Glutamic acid .HCl
991	Hexatriacontane, 98%	1388	L-(+)-Homoarginine .HCl, 99+%
352	Hexyl alcohol, 98%	2701	L-(+)-Ribose
189	Homophthalic acid, 99%	2304	L-(-)-Arabitol, 99+%
605	Hydantoin, 99%	2837	L-(-)-Cystine dimethyl ester .HCl
2116	Hydrindantin .2H <sub>2</sub> O, 96%	2365	L-(-)-Mannose, 99+%, mixture of anomers
1995	Hydrindantin, anhydrous	2524	L-(-)-Menthyl chloride, 99+%
669	Hydrocinnamic acid, 99%	176	L-(-)-Sorbitose
1	Hydrocortisone; 11b,17a,21-Trihydroxy-4-pregnene-3,20-dione	859	L-(-)-Xylose, 99+%
1361	Hydroquinidine	2458	L-2-Hydroxyisocaproic acid, 99%
702	Hydroquinine	34	L-Alanine, 99%
2362	Hydroxybutyl methyl cellulose	2746	L-Alanine-15N
2343	Hydroxyethyl cellulose	1278	L-Arginine .HCl, 98+%
3110	Hydroxyethyl-b-cyclodextrin, d.s.=1.6	8	L-Ascorbic acid
2345	Hydroxypropyl cellulose, m.w. 1,000,000	461	L-Ascorbic acid 6-palmitate
2346	Hydroxypropyl cellulose, m.w. 100,000	2101	L-Asparagine .H <sub>2</sub> O, 99%
2344	Hydroxypropyl cellulose, m.w. 300,000	1847	L-Aspartic-15N acid
2347	Hydroxypropyl methyl cellulose	2092	L-Bornyl acetate, 97%
3103	Hydroxypropyl-b-cyclodextrin, d.s.=0.6	527	L-Carnosine, 98%
3104	Hydroxypropyl-b-cyclodextrin, d.s.=0.9	2693	L-Cysteic acid .H <sub>2</sub> O
99	Hypoxanthine	1156	L-Cysteine ethyl ester .HCl
653	Iminodibenzyl, 97%	41	L-Cystine, 99%
504	Iminostilbene, 97%	2511	L-Galactose
376	Imipramine .HCl; 5-(3-Dimethylaminopropyl)-10,11-dihydro-5H-dib	1181	L-Glucose
656	Indane, 97%	1396	L-Glutamic acid 5-methyl ester, 99%
506	Indazole, 98%	39	L-Glutamic acid, 99%
236	Indene, 99+%	2655	L-Glutamic-15N acid
1385	Indole-2-carboxylic acid, 99%	38	L-Glutamine, 99%
2060	Indole-3-acetic acid hydrazide, 97%	108	L-Histidine, 98%
173	Indole-3-acetic acid, 99+%	1034	L-Homoserine, 97%
1107	Indole-3-carboxylic acid	636	L-Iditol
564	Indole-3-pyruvic acid .H <sub>2</sub> O	2439	L-Iditol hexaacetate
1443	Indole-5-carboxylic acid, 99%	2397	L-Leucinamide .HCl
658	Indoline, 99%	1906	L-Leucine-4-nitroanilide
178	Inositol	40	L-Lysine
1789	Iodobenzene diacetate, 98%	1028	L-Lysine .HCl, 99+%
2315	Isobutyl acetoacetate	1521	L-Lyxose, 99%, mixture of anomers
752	Isobutyramide	77	L-Methionine, 98+%
644	Isocarbostyryl, 98%	1732	L-Methioninol
650	Isochroman, 99%	536	L-Norleucine, 99+%
2707	Isoleucinol, 97%	2211	L-Norvaline, 99%
3025	Isopropyl (S)-(-)-lactate, 99%	1780	L-Phenylalanine ethyl ester .HCl, 99%
1407	Isoquinoline-N-oxide	2299	L-Prolinamide
2012	Isosorbide dimethyl ether, 98%	2918	L-Proline benzyl ester .HCl
1026	Isosorbide; 1,4:3,6-Dianhydro-D-sorbitol	1563	L-Proline methyl ester .HCl
712	Isoxanthopterin, 97%	473	L-Proline, 99+%
621	Julolidine, 98%	2758	L-Serine ethyl ester .HCl, 99%
3071	Kemp's triacid; 1,3,5-Trimethylcyclohexane-1,3,5-tricarboxylic	1774	L-Tartaric acid, diammonium salt, 99%
2273	Ketomalonic acid .H <sub>2</sub> O, disodium salt, 97%	111	L-Threonine, 98%
3094	L-(+)-2-Amino-4-sulfamoylbutyric acid	12	L-Thyroxine, 99%
1273	L-(+)-Alanine ethyl ester .HCl	2141	L-Thyroxine, sodium salt .5H <sub>2</sub> O, 99%
175	L-(+)-Arabinose, 99+%	113	L-Tryptophan, 99%
		2582	L-Valine ethyl ester .HCl, 99%
		2792	L-allo-Threonine
		249	Lactobionic acid, 97%
		3111	Lanthanum(III) acetate .H <sub>2</sub> O
		2996	Lanthanum(III) sulfate .H <sub>2</sub> O
		827	Lead(II) carbonate, basic, 99.999%
		442	Leucomalachite green

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
2543	Levamisole .HCl, 99+%	2151	Methyl 4-nitrobenzenesulfonate, 99+%
2440	Lithium metaborate	921	Methyl 4-nitrobenzoate, 99+%
2413	Lithium niobate(V)	2761	Methyl 4-t-butylbenzoate, 99%
2373	Lithium sulfate .H2O, 99.999%	2064	Methyl 5-bromovalerate, 97%
573	Lithocholic acid, 98%	2847	Methyl 5-chloro-2-methoxybenzoate
3054	Lucifer Yellow CH, dipotassium salt	1611	Methyl 5-oxooctadecanoate
632	Lumazine .H2O	1612	Methyl 7-oxooctadecanoate
1266	Lumichrome	1348	Methyl O-methylpodocarpate
2547	Magnesium acetate .4H2O, 99.999%	116	Methyl benzilate, 99%
2296	Magnesium sulfate, 99.999%	2501	Methyl benzoylformate, 95%
329	Malonamide, 97%	321	Methyl caproate, 99%
2856	Maltohexaose	349	Methyl caprylate, 99%
3119	Maltopentaose .H2O	2129	Methyl coumalate, 95%
2855	Maltotetraose	1960	Methyl cyclohexanecarboxylate, 98%
2316	Manganese hypophosphite .H2O	2482	Methyl cyclohexylacetate, 99%
102	Mannitol	345	Methyl decanoate; Methyl caprate
115	Melatonin, 97%	1249	Methyl diethylphosphonoacetate, 98%
666	Mesaconic acid, 97%	194	Methyl dimethoxyacetate
1415	Methyl (E)-2-methyl-2-pentenoate	382	Methyl diphenyl phosphate
3105	Methyl (R)-(+)-1-methyl-2-oxocyclohexanepropionate	1190	Methyl docosanoate, 98+%
2949	Methyl (R)-(+)-2,2-dimethyl-1,3-dioxolane-4-carboxylate	322	Methyl enanthate, 99%
3118	Methyl (S)-(-)-1-methyl-2-oxocyclohexanepropionate	2535	Methyl g-linolenate; Methyl (Z,Z,Z)-6,9,12-octadecatrienoate
2779	Methyl (S)-(-)-lactate, 96%	247	Methyl glycolate; Methyl hydroxyacetate
1623	Methyl (Z)-11-eicosenoate	2138	Methyl heneicosanoate
2941	Methyl 1-benzyl-5-oxo-3-pyrrolidinedicarboxylate, 98%	1468	Methyl heptadecanoate; Methyl margarate
2596	Methyl 1-cyclohexene-1-carboxylate, 98%	2917	Methyl isodehydracetate, 97%
2785	Methyl 1-fluorenicarboxylate	355	Methyl laurate, 99%
1613	Methyl 12-oxooctadecanoate	522	Methyl linolenate, 99%
1367	Methyl 2,2-dichloro-1-methylcyclopropanecarboxylate, 99%	422	Methyl myristate 99%
1735	Methyl 2,5-dichlorobenzoate	1469	Methyl nonadecanoate
2990	Methyl 2-benzylmalonate, 96%	1466	Methyl nonanoate, 98%
849	Methyl 2-methoxybenzoate	362	Methyl palmitate, 99+%
2145	Methyl 2-methyl-3-furancarboxylate, 99%	2257	Methyl pentadecanoate, 98%
848	Methyl 2-nitrobenzoate, 99%	1333	Methyl phenyl sulfoxide, 96%
3006	Methyl 2-oxo-1-pyrrolidineacetate, 98%	281	Methyl phenylacetate, 99+%
2752	Methyl 2-oxo-2H-pyran-3-carboxylate	2849	Methyl phenylsulfonylacetate, 98%
2399	Methyl 2-oxocyclopentanecarboxylate	831	Methyl pyruvate, 94%
2286	Methyl 3,3-dimethoxypropionate	368	Methyl stearate, 97%
3026	Methyl 3,3-dimethyl-4-pentenoate	92	Methyl sulfone, 98%
1511	Methyl 3,4,5-trimethoxybenzoate, 98%	1645	Methyl tetracosanoate
1566	Methyl 3,4-dimethoxybenzoate, 98+%	1642	Methyl tricosanoate
1565	Methyl 3,5-dimethoxybenzoate, 99%	1467	Methyl undecanoate; Methyl hendecanoate
1734	Methyl 3-chlorobenzoate, 98%	1558	Methyl-2-hydroxyisobutyrate, 95%
917	Methyl 3-nitrobenzoate	2251	Methyl-b-D-glucopyranoside .1/2 H2O
2815	Methyl 3-oxopentanoate; Methyl propionylacetate, 98%	879	Methyl-b-D-xyloside
3020	Methyl 4,4-dimethoxy-3-oxovalerate	975	Methylene diacetate
2927	Methyl 4-chloro-2-nitrobenzoate, 99%	1518	Methylthymol Blue, water soluble
1296	Methyl 4-chlorobenzoate, 99%	1919	Methyltriacetoxysilane
1772	Methyl 4-chlorobutyrate, 98+%	2577	Methyltriphenoxyphosphonium iodide, 96%
3023	Methyl 4-fluorobenzoylacetate, 99%	2821	Metrizamide
1416	Methyl 4-formylbenzoate, 99%	2324	Mineral oil
410	Methyl 4-methoxybenzoate, 99%	2161	Mordant Brown 6
		1591	Mordant Orange 1
		2197	Mordant Orange 10
		1828	Mordant Orange 6 (C.I. 26520)

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
706	Mucic acid, 98%	2425	N-(t-Butoxycarbonyl)-L-isoleucine
1756	Murexide	1793	N-(t-Butoxycarbonyl)-L-serine
1083	N(1)-(4,5-Dimethyloxazol-2-yl)sulfanilamide, 98%	1678	N-(t-Butoxycarbonyl)-L-threonine
2456	N(1)-(6-Indazolyl)sulfanilamide	2455	N-(t-Butoxycarbonyl)-L-valine
1349	N(2)-Carbobenzyloxy-L-arginine	1952	N-(t-Butoxycarbonyl)glycine, 98%
1859	N(4)-Acetylcytidine	2504	N-(t-Butoxycarbonyloxy)phthalimide
1045	N(6)-Acetyl-L-lysine, 99%	2672	N-Acetyl-1,2-diphenylhydrazine
3029	N(6)-Benzoyl-5'-O-(4,4'-dimethoxytrityl)-2'-deoxyadenosine	2476	N-Acetyl-D-galactosamine
1321	N(6)-Carbobenzyloxy-L-lysine, 98%	63	N-Acetyl-DL-penicillamine, 98%
1685	N(a)-Acetylglycinamide	169	N-Acetyl-DL-tryptophan, 99+%
1179	N(a)-Benzoyl-DL-arginine-4-nitroanilide .HCl, 99+%	83	N-Acetyl-L-methionine, 98+%
1636	N(e)-(t-Butoxycarbonyl)-L-lysine	1616	N-Acetyl-L-tryptophan ethyl ester, 99%
1038	N(w)-Acetylhistamine, 98%	2581	N-Acetyl-m-fluoro-DL-phenylalanine
1970	N,N',N''-Methylidynetrisformamide, 97%	3037	N-Acetyl-o-fluoro-DL-phenylalanine
2424	N,N'-1,2-Phenylenedimaleimide, 99%	2574	N-Acetyl-p-fluoro-DL-phenylalanine
1794	N,N'-1,4-Phenylenedimaleimide	190	N-Acetylanthranilic acid
404	N,N'-Bis(salicylidene)-1,3-propanediamine, 99%	732	N-Acetylglycine, 99%
234	N,N'-Bis(salicylidene)ethylenediamine, 98%	2850	N-Acetylprocainamide .HCl
2800	N,N'-Diacetylsulfanilamide, 99%	1390	N-Benzylbenzamide, 99%
1622	N,N'-Dicyclohexylurea, 98%	2182	N-Benzylformamide, 99%
716	N,N'-Diphenylbenzidine, 97%	2202	N-Benzylglycine ethyl ester, tech.
938	N,N'-Diphenylformamidine, 98%	1880	N-Benzyliminodiacetic acid, 98%
1760	N,N'-Hexamethylenebisacetamide, 98%	1320	N-Benzylloxycarbonyl-L-glutamic acid
912	N,N-Diethylformamide, 99%	2810	N-Carbethoxy-4-piperidone, 98%
1088	N,N-Diisopropylacetamide	2678	N-Carbethoxyphthalimide, 98%
1245	N,N-Dimethyl-5-methoxytryptamine, 99%	2496	N-Carbobenzyloxy-2-methylalanine, 99%
1657	N,N-Dimethylglycine .HCl, 99%	1318	N-Carbobenzyloxy-L-aspartic acid, 99%
2841	N,N-Dimethylglycine ethyl ester; Ethyl (dimethylamino)acetate	1692	N-Carbobenzyloxy-L-glutamine, 99%
851	N,N-Diphenylformamide, 97%	1316	N-Carbobenzyloxy-L-valine
3090	N,N-Dipropyl-L-alanine	1095	N-Cyclohexylformamide, 99%
1357	N,S-Diacetylcysteamine	2916	N-Ethyl-2,3-xylylidine, 99%
765	N-(2-Bromoethyl)phthalimide, 94%	1902	N-Ethyl-5-phenylisoxazolium-3'-sulfonate, 95%
2760	N-(2-Chloroethyl)benzamide	954	N-Ethylacetamide
3088	N-(2-Diethylaminoethyl)-4-ethoxybenzamide .HCl, 99%	949	N-Ethylurethane, 99%
222	N-(2-Hydroxyethyl)iminodiacetic acid, 98%	2906	N-Isopropyl-1-piperazineacetamide, 98%
1869	N-(2-Hydroxyethyl)phthalimide, 99%	2839	N-Isopropyl-N-(3,4-(methylenedioxy)phenyl)urea, 98%
2066	N-(3-Bromopropyl)phthalimide, 98%	2233	N-Methoxy-N-methylbenzamide
2984	N-(3-Indolylacetyl)-L-alanine	2168	N-Methyl-D-glucamine, 99%
2986	N-(3-Indolylacetyl)-L-isoleucine	2118	N-Methyl-p-anisidine, 98%
2876	N-(3-Indolylacetyl)-L-leucine	2805	N-Methylanilinium trifluoroacetate, 99%
2987	N-(3-Indolylacetyl)-L-phenylalanine	891	N-Methylbenzamide, 99+%
2985	N-(3-Indolylacetyl)-L-valine	1669	N-Methylcaprolactam, 99%
2452	N-(4-Aminobenzoyl)-L-glutamic acid diethyl ester, 99%	2247	N-Methylpyrrole-2-carboxylic acid, 97+%
2793	N-(9-Fluorenylmethoxycarbonyl)glycine	204	N-Phenylanthranilic acid, 98%
1766	N-(Acetoacetyl)glycine, 95+%	400	N-Phenyldiethanolamine, 99%
2426	N-(Benzyloxycarbonyloxy)succinimide, 98%	542	N-Phthaloyl-L-glutamic acid
1322	N-(Carbobenzyloxy)-L-phenylalanine	2109	N-Tritylglycine
1959	N-(Propargyloxy)phthalimide	1804	N-t-Butyl-a-phenylnitron
		2929	N-t-Butylacetacetamide
		1577	N2-(Carbobenzyloxy)-L-lysine
		2423	N4-Benzoylcytidine
		562	Nalidixic acid, 98%
		2094	Naphthalene-bis(hexachlorocyclopentadiene) adduct

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
2096	Naphthochrome Green (C.I. 44530)	1965	Phenanthrene-9-carboxaldehyde
1152	Naphthol Yellow S (C.I. 10316)	302	Phenetole, 99%
2691	Nefopam .HCl, 99%	456	Phenoxazine, 97%
2020	Neopentyl pivalate; 2,2-Dimethylpropyl 2,2-dimethylpropionate	936	Phenoxy-2-propanone, 99%
1682	New Coccine (C.I. 16255)	412	Phenyl acetate, 97%
1630	Nicotinic acid N-oxide, 99%	226	Phenyl benzoate, 99%
1934	Niflumic acid, 99%	941	Phenyl carbamate, 97%
743	Nifuroxime	1795	Phenyl phosphate, disodium salt .2H <sub>2</sub> O, 98%
2280	Nile Red; 9-Diethylamino-5H- benzo[a]phenoxazin-5-one	438	Phenyl sulfone, 97%
1564	Nitro-L-arginine, 99%	1214	Phenyl sulfoxide, 97%
803	Nitrosobenzene, 97%	2631	Phenyl vinyl sulfoxide, 97%
989	Nonacosane	1379	Phenyl-β-D-glucoside
512	Norbornane, 98%	283	Phenylacetaldehyde dimethyl acetal, 98%
94	Norethindrone; 17-Hydroxy-19- norpregn-4-en-20-yn-3-one	1206	Phenylacetic acid hydrazide
501	Norharman, 98%	1003	Phenylsuccinic acid, 98%
2724	Nylon 11	78	Phenylurea, 97%
2717	Nylon 12	2597	Phloxine B
2727	Nylon 6	678	Phorone, 95%
2716	Nylon 6/12	657	Phthalan, 97%
2826	Nylon 6/6	502	Phthalazine, 98%
2788	Nylon 6/9	1366	Phthalhydrazide, 99%
2644	O-(p-Tosyl)isonitrosomalnonitrile, 98%	171	Phthalide
2546	O-Benzyl-L-tyrosine	160	Phthalylsulfathiazole, 98%
1695	O-Benzylhydroxylamine .HCl, 99%	2750	Pinacryptol yellow
2157	O-Methyl-L-tyrosine	230	Piperine
2634	O-Methylguanine	655	Piperonyl alcohol, 98%
2797	O-Methylisourea hydrogen sulfate, 99%	2067	Piperonyl isobutyrate, 99%
2924	O-Phospho-DL-tyrosine	229	Piperonylic acid, 95%
1852	O2,2'-Cyclouridine	2732	Poly(1,4-butylene adipate)
988	Octacosane, 97%	2753	Poly(1,4-butylene terephthalate)
688	Octacosanoic acid	2335	Poly(1-butene), isotactic, high m.w.
424	Octadecanamide, tech.	2734	Poly(2,6-dimethyl-1,4-phenylene oxide)
360	Octyl acetate, 99+%	2730	Poly(9-vinylcarbazole)
468	Oleic acid, sodium salt, 98%	2726	Poly(acenaphthylene)
2320	Olive oil	2332	Poly(acrylamide)
1229	Oxalyl dihydrazide	2721	Poly(caprolactone)
755	Oxamic acid, sodium salt, 98%	2356	Poly(chloroprene)
698	Oxamic hydrazide, 99%	2748	Poly(cyclohexyl methacrylate)
1575	Oxonic acid, potassium salt	2739	Poly(ethylene oxide), m.w. 300,000
3063	PIPES, disodium salt .H <sub>2</sub> O, 98%	2743	Poly(ethylene succinate)
571	Palmitic acid, Na salt	2728	Poly(ethylene terephthalate)
2322	Paraffin wax, c.p. 54-56 deg	2329	Poly(ethylene), low density
2328	Paraformaldehyde	2747	Poly(glycine)
455	Pentacene	2334	Poly(isobutylene), medium high m.w.
986	Pentacosane	2357	Poly(methyl methacrylate)
980	Pentadecane, 99+%	2789	Poly(neopentyl glycol sebacate)
1232	Pentadecanoic acid, 99+%	2740	Poly(propylene glycol), avg. m.w. 3,000
380	Pentaerythritol, 99+%	3042	Poly(propylene), chlorinated
1785	Pentaerythrityl tetrabromide, 97%	2745	Poly(sodium 4-styrenesulfonate)
1784	Pentaerythrityl tetrachloride	2337	Poly(styrene)
16	Pentolinium tartrate, 99%	2333	Poly(vinyl acetate)
1051	Pentyl ether, 99%	2330	Poly(vinyl alcohol)
554	Perfluorohexyl iodide, 99%	2336	Poly(vinyl formal)
2097	Perhydrofluorene	2729	Poly(vinyl methyl ketone)
738	Perinaphthenone	2338	Poly(vinyl stearate)
493	Perylene, 99+%	2719	Poly(vinylidene fluoride)
		2737	Polyvinylpyrrolidone, cross-linked
		2155	Ponceau SS (C.I. 27190)

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
435	Potassium acetate; Acetic acid, K salt	1126	Sebacic acid monomethyl ester, 97%
810	Potassium cyanate, 97%	718	Silver benzoate, 99%
2457	Potassium ferricyanide	1862	Silver heptafluorobutyrate
1155	Potassium hydrogen tartrate, 99%	2414	Sodium aurothiomalate, .H2O
2313	Potassium phosphate, monobasic, anhydrous, 99.999%	2608	Sodium dihydrogen citrate, anhydrous, 99%
2314	Potassium sulfate, anhydrous	470	Sodium hydrogen carbonate, 99+%
1022	Precocene ii, 99%	705	Sodium hydrogen tartrate
2579	Precocene, 99%	2451	Sodium orthovanadate, 99%
2	Prednisolone; 11b,17a,21-Trihydroxy-1,4-pregnadiene-3,20-dione	278	Solketal; acetone ketal of glycerine, 98%
18	Prednisone; 17a,21-Dihydroxy-1,4-pregnadiene-3,11,20-trione	2570	Solvent Blue 35; Sudan Blue II; C.I. 61554; 1,4-Bis(butylamino)
471	Pregnenolone	1353	Sorbitan monolaurate; Span 20
1485	Pregnenolone acetate, 99%	1354	Sorbitan monostearate; Span 60
54	Promethazine .HCl; 10-(2-Dimethylaminopropyl)phenothiazine .H Cl	2266	Sorbitol hexaacetate
132	Propionamide, 97%	15	Spirolactone, 99%
220	Propiophenone, 99%	348	Squalene, 98%
300	Propylbenzene, 98%	2372	Stachyose .4H2O
444	Propotine; 7-Methyl-2,3:9,10-bis(methylenedioxy)-7,13a-secoberb	2284	Stains-all
747	Pseudothiohydantoin, 97%	2353	Starch, soluble
405	Purine, 99%	748	Stearic acid, zinc salt
259	Pyrazinamide, 99%	1015	Stearonitrile (heptadecyl cyanide), tech., 90+%
516	Pyrazine, 99+%	1431	Strontium carbonate, 99.999%
441	Pyrene, 99+%	2733	Styrene/allyl alcohol copolymer
515	Pyridazine, 97%	341	Succinamide, 98%
608	Pyridinium trifluoroacetate, 98%	480	Succinic acid, disodium salt, anhydrous, 99%
118	Pyrithyldione, 98%	429	Sucrose octaacetate, 99%
1667	Pyromellitic diimide, 97%	47	Sucrose, 99+%
211	Pyronin Y (C.I. 45005)	1909	Sudan Black B
2181	Pyruvaldehyde dimethyl acetal, 99%	96	Sulfadiazine; 4-Amino-N-(2-pyrimidinyl)benzenesulfonamide
375	Pyruvic acid, sodium salt, 96%	49	Sulfamethazine, 99%
386	Quinaldine Red	697	Sulfisomidine
503	Quinazoline, 98%	1823	Sulforhodamine B
36	Quinidine anhydrous	2806	TAPS; 3-[Tris(hydroxymethyl)methylamino]-1-propanesulfonic acid
445	Quinine		TES; 3-[Tris(hydroxymethyl)methylamino]-1-ethanesulfonic acid,
2560	Reactive Black 5; Remazol Black B		Tartaric acid, disodium salt .2H2O, 99+%
486	Rhapontin, 95%	2276	Tartrazine (C.I. 19140)
390	Rhodizonic acid .2H2O		Telluric acid
2418	Rhodizonic acid, dipotassium salt	946	Terephthalaldehyde, 98%
154	Rotenone, 97%	2364	Terephthalic acid, disodium salt
1586	S,S'-Ethylene p-toluenethiosulfonate, 99%	1874	Tetrabromothiophene, 99+%
2886	S-(4-Nitrobenzyl)-6-thioinosine	1024	Tetracosane, 99%
2811	S-(t-Butylthio)-L-cysteine, 98%	997	Tetraethyl-1,1,2,2-ethanetetra-carboxylate, 98%
2239	S-Acetylmercaptosuccinic anhydride	1084	Tetraethylammonium p-toluenesulfonate
2723	S-Acetylthiocholine bromide	469	Tetraethylene glycol dimethyl ether, 99%
1758	S-Benzyl-L-cysteine	3100	Tetrafluoro-4-(2,4,6-trimethylphenylazo)pyridine
1792	S-Benzyl-N-carbobenzyloxy-L-cysteine, 98%	1551	Tetrahydro-4H-pyran-4-ol, 98%
232	Salicylaldoxime, 98%	2808	Tetrahydro-4H-pyran-4-one, 99%
2725	Santolite MHP		
624	Santonin, 99%		
1012	Sarcosine .HCl, 99%		
1991	Sarcosine anhydride, 99%		
2952	Sarcosine ethyl ester .HCl, 99%		
328	Sarcosine, 98%		

**ThermoFisher**  
SCIENTIFIC

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
1007	Tetrahydrofurfuryl acetate	2646	Trimethylene borate
1255	Tetrahydrothiopyran-4-one, 99%	2415	Trimethylphosphine silver iodide complex
1423	Tetramethylene sulfoxide, 96%	1482	Trimethylsulfoxonium iodide, 98%
620	Tetraphenylcyclopentadienone, 98%	2673	Tripeleennamine .HCl
996	Tetraphenylethylene, 98%	130	Tripenaerythitol, tech.
1517	Tetrapropylammonium bromide, 98%	381	Triphenyl phosphate, 98%
2254	Tetratetracontane	822	Triphenylacetic acid, 99%
1271	Tetravinyltin; Tetraethenyltin	837	Triphenylamine, 98%
1462	Tetrazolium violet	495	Triphenylene, 98%
89	Thiamine .HCl	57	Triphenylethylene, 99%
238	Thianaphthene, 97%	700	Triphenylmethane, 97%
215	Thianthrene, 97%	1843	Triphenylmethyl mercaptan, 98%
1493	Thiazol Yellow G (C.I. 19540)	2798	Triphenylphosphonium cyclopentadienylide
682	Thiazolidine, 97%	1013	Trithiocyanuric acid, 95%
292	Thiocarbanilide, 98%	2331	Triton X-100
1350	Thiocholesterol	990	Tritriacontane
2910	Thiochroman-4-ol, 97%	711	Tropic acid, 97%
1624	Thioflavin T	717	Tropinone, 97%
421	Thiomorpholine, 98%	722	Tropolone, 98%
443	Thioridazine .HCl, 99%	544	Tryptamine .HCl, 99%
646	Thioxanthen-9-one, 98%	70	Tryptamine, 98%
2461	Thulium sulfate .8H <sub>2</sub> O, 99.99%	704	Tryptophol, 97%
82	Thymine, 97%	2738	Tyloxapol; 4-(1,1,3,3-Tetramethylbutyl)phenol, polymer with for
64	Tolazoline .HCl, 99%	1644	Undecyl cyanide, 99%
1637	Toluidine Red (C.I. 12120)	365	Undecylenic aldehyde, 97%
2875	Tosylmethyl isocyanide	84	Uracil, 98%
521	Tremorine .2HCl, 97%	2079	Uracil-1,3-15N2
1728	Tri-O-acetyl-D-glucal	1786	Urazole, 97%
2970	Tri-O-benzyl-D-glucal	1976	Urea phosphate
1936	Tri-o-thymotide; 3-Isopropyl-6-methylsalicylic acid, cyclic tri	2561	Urea sulfate
293	Triacetin, 99+%	104	Uric acid, 99+%
2694	Triacetyl-b-cyclodextrin	59	Uridine, 99%
1124	Triacetylmethane	440	Ursodeoxycholic acid, 99%
1017	Triaccontane, 99%	1174	Vanillin acetate, 98%
689	Triaccontanoic acid	203	Veratrole, 99%
2589	Triallyl 1,3,5-benzenetricarboxylate, 98%	1673	Victoria Blue B (C.I. 44045)
426	Triamcinolone; 9a-Fluoro-11b,16a,17,21-tetrahydroxypregna-1,4-d	1574	Victoria Blue R
566	Triarterene; 6-Phenyl-2,4,7-pteridinetriamine	1626	Victoria Pure Blue BO
432	Tributyl phosphate, 99%	1427	Vincamine, 98%
2099	Tricalcium dicitrate .4H <sub>2</sub> O; Citric acid, tricalcium salt .4H <sub>2</sub> O	1160	Vinylene carbonate, 97%
2095	Tricine, 98+%	1192	Vinylene trithiocarbonate
1016	Tricosane, 99%	148	Visnagin, 97%
1641	Tricosanoic acid, 99%	159	Vitamin K1; 2-Methyl-3-phytyl-1,4-naphthoquinone
2584	Tricyclohexylmethanol	214	Xanthene, 99%
1005	Triethanolamine .HCl, 99+%	103	Xanthine, 98%
2291	Triethyl 1,1,2-ethanetricarboxylate, 99%	199	Xanthone, 99%
1845	Triethyl 2-phosphonopropionate	2126	Xanthopterin .H <sub>2</sub> O
127	Triethyl citrate, 99%	2121	Xanthosine .2H <sub>2</sub> O, 99%
2166	Triethyl methanetricarboxylate, 98%	2360	Xylan, from larch wood
367	Triethylene glycol dimethyl ether, 99%	181	Xylitol
577	Trifluoperazine .2HCl	2354	Zein, purified
1069	Trimethyl orthobenzoate	2479	Zinc phthalocyanine
2113	Trimethyl phosphonoacetate , 98%	558	a,a,a-Trifluoro-m-tolunitrile, 99%
2822	Trimethyl phosphonoformate, 97%	584	a,a,a-Trifluoro-o-tolunitrile, 98%
1087	Trimethylacetamide, 98%	593	a,a,a-Trifluoro-p-tolunitrile, 99%

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
1759	a,a-Diphenylglycine, 98%	729	d-Valerolactone, 99%
2244	a,b-Glucoctanoic acid lactone	2591	dl-a-Amino-e-caprolactam
1671	a-(Methylamino)isobutyric acid	673	e-Caprolactone, 99%
2076	a-Acetamidocinnamic acid, 98%	662	endo-Norborneol, 98%
1946	a-Acetylphenylacetoneitrile	1664	exo-2-Bromonorbornane, 98%
814	a-Angelicalactone, 98%	2923	exo-2-Norbornyl formate, 99%
2363	a-Cyclodextrin .H2O	663	exo-Norborneol, 97%
2027	a-D-Cellobiose octaacetate	1451	g-Benzyl L-glutamate
796	a-D-Melibiose .H2O	2572	g-Cyclodextrin
2675	a-D-glucopyranose pentabenzoate	1241	g-Phenyl-g-butyrolactone, 97%
52	a-Estradiol; 1,3,5(10)-Estratriene-3,17a-diol	1598	m-Cresol Purple
2542	a-Hydroxyhippuric acid, 98%	926	m-Tolualdehyde, 97%
437	a-Ionone, 97%	262	m-Toluic acid, 99%
1892	a-Methoxyacetophenone, 95%	526	meso-2,3-Dimercaptosuccinic acid, 98%
2909	a-Methyl-2-naphthalenemethanol	855	meso-2,3-Dimethylsuccinic acid, 99%
905	a-Methyl-D-mannopyranoside, 99%	1523	mono-Methyl 5-nitroisophthalate, 99%
1303	a-Methyl-DL-phenylalanine	1398	mono-Methyl glutarate, 95%
1035	a-Methyl-L-p-tyrosine	1868	mono-Methyl succinate, 98%
1393	a-Methyl-a-phenylsuccinimide, 99%	209	o-Acetoacetanisidide, 99%
1336	a-Methylcinnamic acid, 99%	223	o-Acetoacetotoluidide, 98%
843	a-Naphthoflavone, 97%	780	o-Anisic acid, 99%
883	a-Phenyl-o-toluic acid, 97%	2620	o-Chlorophenethyl alcohol, 98%
206	a-Phenylcinnamic acid, 98%	1634	o-Cresolphthalein complexone
1870	a-Phenylcyclopentaneacetic acid, 98%	1065	o-Diacetylbenzene, 99%
1309	a-Pyridoin, 99%	2936	o-Fluorophenethyl alcohol, 99%
679	a-Pyrone; 2H-Pyran-2-one	2167	o-Formylphenoxyacetic acid, 97%
710	a-Tetralone, 98%	2282	o-Methoxyphenethyl alcohol, 99%
327	b-Alanine, 98%	2006	o-Methoxyphenylacetone, 98%
2915	b-Amino adipic acid	2621	o-Methylphenethyl alcohol, 98%
806	b-Bromophenetole, 98%	2068	o-Nitrophenylpyruvic acid, 99%
299	b-Bromostyrene, 99%, mixture of isomers	391	o-Toluic acid, 98+%
2540	b-Chloralose	2054	p-Acetoacetanisidide, 98%
547	b-Chloro-4'-fluoropropiophenone, 98%	73	p-Acetophenetidide, 97%
844	b-D-(+)-Glucose pentaacetate	1267	p-Dicyclohexylbenzene, 99%
2421	b-D-Ribofuranose 1,2,3,5-tetraacetate, 98%	952	p-Diiodobenzene, 98%
1887	b-D-Ribopyranose 1,2,3,4-tetraacetate	457	p-Quaterphenyl
4	b-Estradiol 3-benzoate; 1,3,5(10)-Estratriene-3,17b-diol 3-benz	922	p-Toluamide, 99%
3	b-Estradiol, 98%	269	p-Toluic acid, 98%
614	b-Glycyrrhetic acid, 99%	1836	p-Toluic hydrazide
2135	b-Naphthoflavone	1481	p-Tolyl sulfoxide, 97%
2449	b-Phenylcinnamaldehyde	459	sec-Butylbenzene, 99+%
487	b-Phenylpyruvic acid	1121	sym-Dibenzoylhydrazine
2776	cis-1,2,3,6-Tetrahydrophthalimide, 96%	1897	sym-Dicarbethoxyhydrazine, 97%
2512	cis-1,2-Cyclohexanedimethanol, 98%	948	sym-Diethylurea, 97%
2692	cis-1,5-Cyclooctanediol	600	syn-4-Fluorobenzaldehyde, 97%
2848	cis-11-Hexadecen-1-yl acetate, 95%	2576	t-Butyl (2,4-dinitrophenoxy)carbamate
1187	cis-3-Hexen-1-ol, 98%	2988	t-Butyl 1-piperazinecarboxylate
1676	cis-4-Hydroxy-D-proline, 99%	1455	t-Butyl acetoacetate, 99%
913	cis-4-Hydroxy-L-proline, 99%	1917	t-Butyl carbamate, 98%
2309	cis-4-Methylcyclohexanol, 98%	2838	t-Butyl ethyl malonate
2905	cis-9-Heneicosene, 97%	2930	t-Butyl methyl malonate
2943	cis-Bicyclo[3.3.0]octane-3,7-dione, 99%	2217	t-Butyl phenyl carbonate, 98%
1068	d-Decalactone; 5-Hydroxydecanoic acid lactone; 6-Pentyltetrahyd	1779	t-Butylcyclohexane, 99+%
1042	d-Valerolactam, 99+%	3046	t-Butyldimethylsilyl
		2112	trifluoromethanesulfonate, 98%
		2432	trans,trans-2,4-Nonadienal
		1376	trans-1,2-Bis(4-pyridyl)ethylene, 97%
		1131	trans-1,2-Cyclohexanediol, 98%
		2659	trans-1,2-Dichlorocyclohexane, 99%
			trans-1-Decalone, 98%

**ThermoFisher**  
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.



## Nicolet Standard Collection of FT-IR Spectra

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
1787	trans-2,3-Dibromo-2-butene-1,4-diol, 97%	95	trans-Retinol
1188	trans-3-Hexen-1-ol, 98%	296	trans-Stilbene, 96%
1537	trans-4,4'-Diphenylstilbene	1941	trans-b-Hydromuconic acid, 98%
11	trans-4-Hydroxy-L-proline, 99+%	364	w-Undecylenyl alcohol, 99%
2310	trans-4-Methylcyclohexanol, 97%		