

## FDM Comprehensive Organics (10320 Spectra)

These transmission spectra originated from a chemical company selling thousands of compounds in a catalog. Thus, the term comprehensive genuinely applies. The spectral range is 400 cm<sup>-1</sup> to 4000 cm<sup>-1</sup> and the optical resolution is 8 cm<sup>-1</sup>.

Contains:

Alcohols  
Aldehydes & Ketones  
Alkaloids  
Alkanes & Haloalkanes  
Amines & Diamines  
Amino Acids & Amino Alcohols  
Alpha Hydroxy Acids  
Carbohydrates, Derivatives & Polyols

Carboxylic Acids & Derivatives  
Diols, Dyes, Ethers  
Esters, Heterocycles  
Lipids & Lipid Constituents  
Nitriles & Isocyanates  
Organometallic Compounds  
Phosphorous Compounds  
Sulfur Compounds

Samples from the chemical name index (name, CAS number):

1,1-Diethylurea, 634-95-7	L-Arginine, 74-79-3
1,1-Dimethoxyethane, 534-15-6	L-Ascorbic acid sodium salt, 134-03-2
1,1-Dimethyl-2-selenourea, 5117-16-8	L-Asparagine, 5794-13-8
1,1-Dimethyl-4-phenylpiperazinium iodide, 54-77-3	L-Aspartic acid, 56-84-8
1,1-Dimethylcyclohexane, 590-66-9	L-Aspartyl-L-phenylalanine methyl ester
1,1-Diphenyl-2-propanol, 29338-49-6	L-Aspartyl-L-phenylalanine, 13433-09-5
1,1-Diphenylacetone, 781-35-1	Lauric acid, 143-07-7
1,1-Diphenylethanol, 599-67-7	Lauric anhydride, 645-66-9
1,1-Diphenylethylene, 530-48-3	Lauroyl chloride, 112-16-3
1,1'-Ferrocenedicarboxylic acid, 1293-87-4	Lauryl chloride, 112-52-7
...	Lauryl gallate, 1166-52-5
1,2-Dinitrobenzene, 528-29-0	Lauryl methacrylate, 142-90-5
1,2-Diphenoxyethane, 104-66-5	...
1,2-Dipiperidinoethane, 1932-04-3	Magnesium stearate, 557-04-0
1,2-Epoxy-2-methylbutane, 30095-63-7	Magnesium sulfate, 10034-99-8
1,2-Epoxy-5-cyclooctene, 637-90-1	Magnesium trifluoromethanesulfonate, 60871-83-2
1,2-Epoxy-7-octene, 19600-63-6	Malachite Green (oxalate), 2437-29-8
1,2-Epoxy-9-decene, 85721-25-1	Maleic acid, 110-16-7
1,2-Epoxydecane, 2404-44-6	Maleic acid, disodium salt hydrate, 371-47-1
1,2-Epoxydodecane, 2855-19-8	Maleimide, 541-59-3
1,2-Epoxyhexane, 1436-34-6	Malonaldehyde bis(diethyl acetal), 122-31-6
1,2-Epoxyoctane, 2984-50-1	Malonaldehyde bis(dimethyl acetal), 102-52-3
1,2-Epoxypropane, 75-56-9	Malonamide, 108-13-4
1,2-Ethanedisulfonic acid disodium salt, 5325-43-9	Malonic acid, 141-82-2
...	Malononitrile, 109-77-3
Hexabromobenzene, 87-82-1	Maltitol, 585-88-6
Hexachloro-1,3-butadiene, 87-68-3	Maltotriose, 1109-28-0
Hexachloroacetone, 116-16-5	Maltulose monohydrate, 17606-72-3
Hexachlorodisiloxane, 14986-21-1	Mandelonitrile, 532-28-5
Hexachloroethane, 67-72-1	Manganese (II) acetate, 6156-78-1
Hexachloropropene, 1888-71-7	Manganese(III) acetate dihydrate, 19513-05-4
Hexacosane, 630-01-3	Manganese(III)acetylacetonate, 14284-89-0
Hexadecane, 544-76-3	...
Hexadecyl isocyanate, 1943-84-6	Propan-1-ol, 71-23-8
Hexadecylbenzene, 1459-09-2	Propan-2-ol, 67-63-0
Hexaethylphosphorus triamide, 2283-11-6	Propane-1,2-diol, 57-55-6
Hexafluorobenzene, 392-56-3	Propane-1,3-diol, 504-63-2
Hexafluoroglutaric anhydride, 376-68-1	