



Pharmaceutical NIR

Library Listing – 385 spectra

This library offers an FT-NIR spectral library collection of active and inactive pharmaceutical substances. It can be used to identify unknown samples, as a reference when setting up qualitative NIR methods, or as a comparison against known sample spectra.

The Near-IR Pharmaceutical Reference Database is a collection of 385 pharmaceutical compounds including both active and inactive substances. Solid samples were collected in reflectance using a SabIR™ fiber optics probe. Liquid samples were collected in transmittance using a 2 mm quartz cell.

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<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
1	Acesulfame-K	73	Calcium lactate
289	Acetaminophen	74	Calcium pantothenate
288	Acetaminophen (Paracetamol)	75	Calcium phosphate (Tricalcium phosphate)
2	Acetazolamide	70	Calcium phosphate, dibasic (Calcium hydrogen phosphate)
3	Acetylcysteine	76	Calcium stearate
5	Acetylsalicylic acid	77	Camphor
4	Acetyltyrosine	80	Carbomer 940
29	Acriflavine	81	Carboxycellulose calcium (Traumacel)
30	Adeps Solidus	83	Carmellose
6	Adipic acid - (from German adipinsäure)	262	Casein sodium
31	Aesculine	325	Castor oil
32	Agar	87	Cellacefat
132	Agrimony extract	88	Cellulose (Perlosa SF)
35	Alprazolam	89	Cellulose, microcrystalline (Avicel)
36	Aluminum monostearate	34	Cetostearyl alcohol
37	Amaranth	17	Chenodeoxycholic acid
7	Aminoacetic acid	174	Chloral hydrate
40	Aminophylline	176	Chloramphenicol
39	Aminopyrine	175	Chloramphenicol palmitate
41	Amitriptyline hydrochloride	177	Chlorhexidine dihydrochloride
163	Ammoniated mercury (Mercuric ammonium chloride)	178	Chloroxine
42	Ammonium acetate	179	Chlorpromazine hydrochloride
43	Ammonium bromide	180	Chlorprothixene hydrochloride
44	Ammonium chloride	181	Chlorthalidone
45	Amylopectin	182	Cholesterol
133	Angelica extract	183	Choline tartrate
46	Anise oil	94	Cinnamon oil
8	Ascorbic acid (Vitamin C)	95	Ciprofloxacin
49	Aspartame	12	Citric acid
9	Aspartic acid	13	Citric acid monohydrate
50	Atropine sulfate	97	Citronella oil
52	Bacitracin zinc	38	Clohexanol hydrochloride
53	Barbital	98	Clopmide
54	Barbital sodium	86	Clove oil
55	Bentonite	192	Cod liver oil
10	Benzoic acid	99	Codeine phosphate, hemidryate
56	Bergamot oil	103	Collodion
57	Betacare	328	Congo red
61	Bismuth gallate, basic	373	Copovidone
58	Bismuth subnitrate	104	Coriander oil
60	Bismuth tribromphenate	253	Crystal violet (Methylrosaniline chloride)
59	Bismuth tribromphenate, basic	105	Cyanocobalamin (Vitamin B12)
116	Bisulepinium	14	Cyanuric acid
117	Bisulepinium chloride	106	Cysteine
11	Boric acid	107	Dexamethasone acetate
374	Brilliant green	108	Dextran 41
63	Bromvaletone	109	Dextran 70
64	Bronopol	93	Dibucaine hydrochloride
101	Caffeine	110	Dibutyl phthalate
102	Caffeine and sodium benzoate	111	Diclofenac sodium
100	Caffeine citrate	112	Digoxin
65	Calcium acetate	113	Dihydroxypropyladenine
66	Calcium carbonate	114	Diltiazem hydrochloride
71	Calcium chloride	115	Dimethicone
72	Calcium chloride hexahydrate	118	Dithranol (Anthralin)
67	Calcium dobesilate	119	Dopamine
68	Calcium formate	120	Dosulepin (Dothiepin)
69	Calcium gluconate		

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121	Doxycycline	211	L-Proline
142	Elder extract	212	L-Serine
122	Enocyaninum E164	213	L-Threonine
123	Ephedrine hydrochloride	214	L-Tryptophan
124	Epinephrine bitartrate	215	L-Tyrosine
125	Ergotamine tartrate	216	L-Valine
126	Ethacridine lactate	19	Lactic acid
127	Ethyl biscoumacetate	333	Lactose
128	Etofylline	334	Lactose (200M)
129	Eucalyptus oil	335	Lactose (Lactosum 100)
131	Explotab	336	Lactose (Lactosum 200)
144	Famotidine	91	Lanolin
148	Fennel oil	139	Lavender extract
145	Fenofibrate	202	Lavender oil
205	Flax oil	140	Lemon balm extract
146	Flunitrazepam	96	Lemon oil
147	Fluorescein	206	Licorice fluid extract
15	Folic acid	217	Lycatab PGS
149	Fuchsin acid	218	Lysine acetate
151	Gelatin	219	Lysine hydrochloride
152	Gelatin (180)	220	Macrogol 1500
153	Gelatin (Animal)	221	Macrogol 300
150	Geranium oil	222	Macrogol 4000
154	Glucose (Dextrose)	223	Macrogol 6000
156	Glucose (Dextrose) monohydrate	224	Magnesium carbonate
155	Glucose (Dextrose), anhydrous	227	Magnesium chloride
16	Glutamic acid	228	Magnesium chloride hexahydrate
157	Glycerol monostearate	225	Magnesium citrate
159	Glycyl-L-tyrosine, dihydrate	226	Magnesium formate
160	Guaiaphenesin	229	Magnesium lactate
78	Hard gelatin capsules	230	Magnesium lactate dihydrate
135	Hawthorne extract	231	Magnesium stearate
162	Homatropine hydrobromide	232	Magnesium sulfate
138	Hops extract	20	Malic acid
164	Hydrocortisone acetate	233	Maltose
165	Hydroxymethylcellulose	234	Manganese sulfate
166	Hymecromone	235	Mannitol
167	Hypromellose	137	Meadowsweet extract
168	Hypromellose (4000)	238	Menthol
184	Ibuprofen	239	Mephenoxalone
185	Indapamide hemihydrate	240	Meracptamine chloride
186	Indigo carmine	241	Mesalazine
187	Indomethacin	130	Methacrylic acid copolymer type L
188	Inositol	242	Methenamine
189	Iodoform	243	Methionine
18	Ioxitalamic acid	244	Methylcellulose (450)
190	Ipecac extract	249	Methylcellulose (Methoce K15)
191	Isosorbide-5-mononitrate	245	Methylcellulose (Methocel E15)
62	Kaolin (Heavy Kaolin)	246	Methylcellulose (Methocel E3)
197	Kebuzone	247	Methylcellulose (Methocel E5)
198	L-Alanine	251	Methylcellulose (Methocel E50)
201	L-Arginine	248	Methylcellulose (Methocel K100)
199	L-Arginine hydrochloride	250	Methylcellulose (Methocel K4)
200	L-Arginine, basic	254	Methylene blue (Tetramethylthionine chloride)
203	L-Cystine	252	Methylparaben
204	L-Histidine	255	Metipranolol
207	L-Isoleucine	256	Metronidazole
208	L-Leucine	257	Myrrh tincture
209	L-Ornithine hydrochloride		
210	L-Phenylalanine		

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258	Nafronyl oxalate = Naftidrofuryl	323	Resorcinol
	hydrogen oxalate	324	Riboflavin (Vitamin B2)
259	Naloxone	285	Rice starch
279	Neomycin sulfate	326	Rosemary oil
143	Nettle extract	327	Roxithromycin
280	Nicotinamide	329	Rutin
21	Nicotinic acid	330	Saccharin sodium
281	Nitrofurantoin	22	Salicylic acid
282	Ofloxacin	306	Saturated long chain monoglycerides
283	Olive oil	134	Shepherd's Purse extract
33	Opaspray K-1-7000	136	Siberean ginseng extract
51	Orange oil	260	Sodium benzoate
284	Ornidazole	261	Sodium carbonate, anhydrous
286	Oxiconazole nitrate	263	Sodium cetyl sulfate
337	Oxidized potato starch, acetylester	264	Sodium citrate
287	Papaverine hydrochloride	269	Sodium citrate, acid
290	Paraffin, hard	265	Sodium citrate, dihydrate
291	Pectin (Citrus 106)	267	Sodium dichlorisocyanurate
141	Peppermint extract	266	Sodium dihydrogen phosphate (Sodium phosphate, monobasic)
237	Peppermint oil		
292	Phenacetin	268	Sodium edetate
293	Phenazone (Antipyrine)	271	Sodium iodide
294	Phenazone and caffeine citrate	272	Sodium lauryl sulfate
295	Phenobarbital	273	Sodium perborate
296	Phenobarbital sodium	274	Sodium salicylate
297	Phenol	82	Sodium salt of carboxymethyl starch
299	Phenyl salicylate	85	Sodium salt of carmellose
298	Phenylmercuric borate	84	Sodium salt of carmellose
300	Phthalylsulphathizaole	341	Sodium stearyl fumarate
301	Pilocarpine hydrochloride	275	Sodium sulfate
302	Pine oil	276	Sodium sulfate, anhydrous
303	Piroxicam	270	Sodium sulfhydrylate
304	Pitofenone hydrochloride	277	Sodium tetraborate (Borax)
305	Podophyllum resin	278	Sodium thiosulfate
307	Polysorbate	338	Sorbitan stearate
308	Polysorbate 20	339	Sorbitol
309	Polysorbate 80	92	Spermaceti
193	Potassium acetate	23	Stearic acid
194	Potassium citrate	340	Stearin
195	Potassium citrate monohydrate	158	Stearin (glyceryl tristearate)
196	Potassium sorbate	342	Streptomycin sulfate
310	Povidone 25 (Kollidon 25)	331	Sucrose
311	Povidone 30 (Kollidon 30)	332	Sucrose powder
312	Povidone 90 (Kollidon 90)	343	Sulfadimidine sodium
313	Povidone, insoluble (Kollidon chloride)	24	Sulfanilic acid
314	Prazosin hydrochloride	344	Sulfathiazole
236	Pregelatinised maize starch	345	Sulfoguaiacole
315	Procaine hydrochloride	25	Sulfosalicylic acid
316	Propafenone	346	Sulfur, colloidal
317	Propyl gallate	347	Sulpiride
318	Propylparaben	161	Sunflower oil
319	Propyphenazone	348	Talc
320	Pyridoxine hydrochloride (Vitamin B6)	349	Tannin
171	Quinidine	47	Targesin
169	Quinidine hydrochloride	48	Targesin with borax
170	Quinidine sulfate	26	Tartaric acid
172	Quinine hydrochloride	352	Terfenadine
173	Quinine sulfate	353	Tetracaine hydrochloride
321	Ranitidine hydrochloride	354	Tetracycline hydrochloride
322	Reserpine	355	Theophylline



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<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
356	Thiamine hydrochloride (Vitamin B1)	370	Valerian, solid extract
357	Thioridazine	372	Verapamil hydrochloride
358	Thyme oil	376	WMK (Watermelon Keton)
359	Thymol	375	Wax
27	Tiaprofenic acid	367	Wheat flour
360	Tocopheryl acetate (50%) CWS/F (Vitamin E)	90	White beeswax
361	Tragacanth	377	Xanthinol nicotinate
362	Tramadol hydrochloride	378	Xylitol
363	Tridecanamine undecylenate	379	Xylose
364	Triethyl citrate	380	Yohimbine hydrochloride
365	Trimecaine hydrochloride	385	Zinc carbonate
366	Trimethoprim	381	Zinc lactate
368	Troxerutin	382	Zinc stearate
350	Turpentine oil	383	Zinc sulfate
351	Turpentine oil, rectified	384	Zinc undecylenate
369	Urea	79	[1- (Ethoxycarbonyl)pentadecyl]trimethyla mmonium bromide
28	Ursodeoxycholic acid		
371	Valarian tincture		