



Minerals

Library Listing – 600 spectra

This library is a subset of the Inorganics Library. It contains minerals from all over the world; making it an excellent tool for geological researchers as well as inorganic chemists.

The Minerals Library contains the spectra of 600 minerals (naturally occurring, pure inorganic compound, or a mixture of pure inorganic compounds) and includes information on the mineralogical name, chemical formulas, occurrence and color.

Samples were provided by the National Museum in Prague, Czech.



Minerals

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
1	ACTINOLITE	62	BENTONITE (greenish)
2	ADAMITE	61	BENTONITE (white)
3	AEIRINE	63	BERTRANDITE
4	AKAGANEITE	66	BERYL (blue)
5	ALBITE	65	BERYL (green)
6	ALLANITE (Ce)	68	BERYL (pink)
7	ALMANDINE	67	BERYL (yellow)
8	ALUMINITE	64	BERYL (yellow-green)
9	ALUMOHYDROCALCITE	69	BERYLLONITE
10	ALUNITE	70	BERZELLITE
11	AMARANTITE	71	BETAFITE
12	AMBLYGONITE	73	BEUDANTITE (yellow green)
13	ANALCIME	72	BEUDANTITE (yellow)
14	ANAPAITE	74	BEYERITE
15	ANATASE	75	BILINITE
16	ANDALUSITE	77	BISMUTITE (greenish-white)
17	ANDESINE	78	BISMUTITE (grey)
18	ANDRADITE (light green)	76	BISMUTITE (white)
19	ANDRADITE (brown)	79	BISMUTOFERRITE (olive green)
20	ANGLESITE	80	BISMUTOFERRITE (yellow)
21	ANHYDRITE	81	BLOEDITE
22	ANKERITE	82	BOLEITE
23	ANORTHITE	83	BORAX
24	ANTOPHYLLITE	84	BORNEMANITE
25	APHTHALITE	85	BOTRYOGEN
27	APOPHYLLITE (brownish-white)	86	BRANDTITE
26	APOPHYLLITE (white)	87	BRASSITE
29	ARAGONITE (colorless)	88	BRAUNITE
28	ARAGONITE (white)	89	BRAZILIANITE
30	ARDENNITE	91	BROCHANTITE (Banska Bystrica, Slovakia)
31	ARFVEDSONITE		
32	ARSENIOSIDERITE	90	BROCHANTITE (Vrchoslav, Czech Republic)
33	ARSENOLITE		
34	ASTROPHYLLITE	92	BROOKITE
35	ASTROPHYLLITE (Mg)	93	BRUCITE
37	ATACAMITE (Gelnica, Slovakia)	94	BRUGNATELLITE
36	ATACAMITE (Port Wallaroo, Chile)	95	BRUSHITE
38	ATTAPULGITE	96	BUKOVSKYITE
40	AUGITE (black)	97	BUSTAMITE (grey)
39	AUGITE (yellow grey)	98	BUSTAMITE (pink)
41	AURICHALCITE	99	CACOXENITE
42	AUTUNITE	100	CALCIOVOLBORTHITE
43	AXINITE	101	CALCITE (colorless)
44	AZURITE (dark blue)	103	CALCITE (colorless)
45	AZURITE (blue)	102	CALCITE (white)
46	BABINGTONITE	104	CAMEROLAITE
47	BADDELEYITE	105	CANCRINITE
48	BARARITE (mixture with cryptohalite)	107	CARPHOLITE (green)
49	BARARITE (very rare; sal ammoniac)	106	CARPHOLITE (yellow)
51	BARITE (pinkish-white)	108	CASSITERITE
50	BARITE (white)	109	CATAPLEIITE
52	BARYTOCALCITE	110	CELESTINE (colorless)
53	BATISITE	111	CELESTITE (blue)
54	BAVENITE	112	CERITE (Ce)
55	BAYLDONITE	113	CERUSSITE
56	BEAVERITE	115	CHABASITE
57	BECHERERITE	114	CHABASITE
58	BELOVITE	116	CHALCANTHITE
59	BENITOITE	117	CHALCOALUMITE
60	BENTONITE (brown)	118	CHALCOPHANITE

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119	CHALCOPHYLLITE	177	DIOPSIDE (black)
120	CHALCOSIDERITE	178	DIOPSIDE (pale green)
121	CHAMOSITE	181	DIOPTASE
122	CHAPMANITE	182	DOLOMITE
123	CHAROITE	183	DRAVITE
124	CHEVKINITE	184	DRAVITE (VANADIAN) (brown)
125	CHILDRENITE	185	DRAVITE (VANADIAN) (green)
126	CHIOLITE	186	DUFRENITE (brown)
127	CHKALOVITE	187	DUFRENITE (dark green)
128	CHLORELLESTADITE	188	DUFTITE
129	CHLOROTHIONITE	189	EDINGTONITE
130	CHONDRODITE	190	EFREMOVITE
131	CHROMITE	191	ELBAITE
132	CHRYSOBERYL	192	ENSTATITE (light green)
133	CHRYSOCOLLA	193	ENSTATITE (pale brown)
134	CHURCHITE (Y)	194	EOSPHORITE
136	CLINOCLASE (Gelnica, Slovakia)	195	EPIDOTE
137	CLINOCLASE (Lubietova, Slovakia)	196	EPISTOLITE
135	CLINOCLASE (dark blue)	197	EPSOMITE
138	CLINOZOISITE	199	ERYTHRITE (pink)
139	COLEMANITE	198	ERYTHRITE (purple-red)
140	COLLINSITE	200	EUCHROITE
141	CONICHALCITE	201	EUCRYPTITE
142	COOKEITE	202	EUDIALYTE
143	COPIAPITE	203	EUDIDYMITE
144	CORDIERITE	205	EULYTITE (brown)
145	CORNETITE	206	EULYTITE (dark yellow)
147	CORNUBITE (Gelnica, Slovakia)	204	EULYTITE (dark-grey)
146	CORNUBITE (Lubietova, Slovakia)	207	EVANSITE
150	CORNWALLITE	208	FAUSTITE
149	CORNWALLITE (Gelnica, Slovakia)	209	FELSOEBANYAITE
148	CORNWALLITE (Lubietova, Slovakia)	210	FERBERITE
151	CORUNDUM (blue)	211	FERGUSONITE (Y)
152	CORUNDUM (grey)	212	FERROCOLUMBITE
153	CRANDALLITE	213	FERROSILITE
154	CREEDITE	214	FERSMANITE
155	CRISTOBALITE	215	FLUELLITE
156	CROCOITE	216	FLUORAPATITE (blue)
157	CRYOLITE	217	FLUORAPATITE (white)
158	CRYPTOHALITE	218	FRONDELITE
159	CUMENGEITE	219	GADOLINITE (Y)
160	CUPRITE	220	GARTRELLITE
161	CURITE (deep red)	221	GAYLUSSITE
162	CURITE (red)	222	GEHLENITE
163	CYANOTRICHITE	223	GIBBSITE
164	DANBURITE	224	GLAUBERITE
165	DANNEMORITE	225	GLAUCOCERINITE
166	DATOLITE (colorless)	226	GLAUCONITE
167	DATOLITE (white)	227	GMELINITE
168	DAWSONITE (colorless)	228	GODOVIKOVITE
169	DAWSONITE (white)	229	GOETHITE (black)
170	DELHAYELITE	230	GOETHITE (brown)
171	DELVAUXITE	231	GOSLARITE
172	DENISOVITE	232	GRIPHITE
173	DEVILLITE	233	GROSSULAR
174	DIADOCHITE	234	GUERINITE
176	DIASPORE (pale red)	235	GYPSUM
175	DIASPORE (violet)	236	HALLOYSITE
180	DIOPSIDE (Fe; Al) (yellow-green)	237	HANKSITE
179	DIOPSIDE (apple green)	238	HARMOTOME



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239	HAUYNE (blue)	298	LAMPROPHYLLITE (golden brown)
240	HAUYNE (blue-green)	299	LANARKITE (grey)
241	HEDENBERGITE	300	LANGITE (blue)
242	HEDYPHANE	301	LAUMONTITE (white)
243	HEJTMANITE	302	LAWSONITE (blue)
244	HELVITE	303	LAZULITE
245	HEMATITE	304	LAZURITE (blue)
248	HEMIMORPHITE (blue)	305	LEADHILLITE
246	HEMIMORPHITE (colorless)	306	LEIFITE
247	HEMIMORPHITE (pink)	307	LEPIDOCROCITE
249	HETEROSITE	308	LETOVICITE
252	HEULANDITE (dark orange)	309	LEUCITE
251	HEULANDITE (red)	310	LEUCOPHANITE
250	HEULANDITE (white)	311	LEUCOPHOSPHITE (greenish)
253	HOHMANNITE	312	LEUCOPHOSPHITE (grey)
254	HOLLANDITE	313	LIBETHENITE
255	HORNBLLENDE	314	LINARITE
256	HUEBNERITE	315	LIROCONITE
257	HULSITE	316	LISKEARDITE
258	HUMITE	317	LITHIOPHORITE
260	HUREAULITE (orange)	318	LOMONOSOVITE (grey-brown)
259	HUREAULITE (pink white)	319	LOMONOSOVITE (pale brown)
261	HYDROBORACITE	320	LOPARITE- (Ce)
263	HYDROMAGNESITE (Jaklovce, Slovakia)	321	LORENZENITE (brown-black)
262	HYDROMAGNESITE (Vesuv, Italy)	322	LORENZENITE (pale orange)
264	HYDROWOODWARDITE	323	LOVDARITE
265	HYDROZINCITE	324	LOVOZERITE
266	IARDERELLITE	325	LUDLAMITE
267	ILLITE	326	LUENEBURGITE
268	ILMENITE	327	MAGADITE
269	ILVAITE	328	MAGNESITE (brown)
270	INESITE	330	MAGNESITE (greyish white)
271	INYOITE	329	MAGNESITE (white)
272	ISOKITE	331	MAGNETITE (black)
273	JACHYMOVITE	332	MAGNIOTRIPLITE (brown)
274	JADEITE	334	MALACHITE (Gelnica, Slovakia)
275	JARLITE	335	MALACHITE (Moldava, Czech Republic)
276	JOAQUINITE (Ce)	333	MALACHITE (Roznava, Slovakia)
277	KAATALAITE	336	MANGAN-NEPTUNITE
278	KALIOPHILITE	337	MANGANITE
279	KAMIOKITE	338	MASCAGNITE
281	KAOLINITE (Georgia, USA)	339	MELANOPHLOGITE
282	KAOLINITE (Kaznejov, Czech Republic)	340	MELANOTEKITE
280	KAOLINITE (white)	341	MELLILITE
283	KARNASURTITE (Ce) (yellow)	342	MELIPHANITE
284	KASOLITE (orange)	343	MELLITE
285	KELDYSHITE (white)	344	MENDIPITE
286	KENTROLITE (brown)	345	MERWINITE
287	KERMESITE (red)	346	MESSLITE
288	KERNITE (white)	347	META-AUTUNITE
289	KOECHLINITE (yellow)	348	META-AUTUNITE
290	KOETTIGITE (pink)	349	METAROSSITE
291	KOLWEZITE (dark olive green)	350	METATORBERNITE
292	KORNERUPINE (grey)	351	MEURIGITE
293	KOVDORSKITE (blue)	352	MEYERHOFFERITE
294	KRAUTITE (pink)	354	MICROCLINE (green)
295	KUTNOHORITE (light pink)	353	MICROCLINE (white)
296	KYANITE (blue)	355	MILARITE
297	LABRADORITE (grey)	356	MILLOSEVICHITE

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357	MIMETITE	417	PHARMAKOSIDERITE (green)
359	MIMETITE (PHOSPHATIAN) (yellow)	418	PHENAKITE
358	MIMETITE (PHOSPHATIAN) (yellow)	419	PHILLIPSITE
360	MINIUM	420	PHOSGENITE
361	MIXITE (blue-green)	421	PHOSPHOPHYLLITE
362	MIXITE (green)	422	PHOSPHOSIDERITE
363	MONAZITE (Ce)	423	PICKERINGITE
364	MONOHYDROCALCITE	424	PICROPHARMACOLITE
365	MONTICELLITE	425	PLANERITE
366	MONTMORILLONITE	426	PLUMBOJAROSITE
367	MOORHOUSEITE	427	PLUMBOMICROLITE
368	MORDENITE (pink)	428	PLUMBOPYROCHLORE
369	MORDENITE (white)	429	POLLUCITE
370	MORENOSITE	430	POLYHALITE
371	MOSANDRITE (pale brown)	431	POSNJAKITE
372	MOSANDRITE (yellow-green)	432	POTASSIUM ALUM
373	MOTTRAMITE	433	POWELLITE
374	MOUNTAINITE	434	PREHNITE
376	MURMANITE (pink)	436	PREISINGERITE (partially hydrated)
375	MURMANITE (violet)	435	PREISINGERITE (quartz impurities; partially hydrated)
377	MUSCOVITE		
378	NACRITE	437	PROBERTITE
379	NARSARSUKITE	438	PROSOPITE
380	NATROALUNITE	439	PYROCHLORE
381	NATROJAROSITE	440	PYROLUSITE
382	NATROLITE	443	PYROMORPHITE (CALCIAN) (grey)
383	NENADKEVICHITE	444	PYROMORPHITE (CALCIAN) (yellow)
384	NEOTOCITE	441	PYROMORPHITE (brown)
385	NEPHELINE	442	PYROMORPHITE (green)
386	NEPTUNITE	445	PYROPHYLLITE
387	NESQUEHONITE	446	QUARTZ
388	NEWBERYITE	447	RAJITE
389	NITRATINE	448	RAMSDELLITE
390	NITROCALCITE	449	RETGERSITE
391	NONTRONITE	450	RHODIZITE
392	NORDITE (Ce)	451	RHODOCHROSITE (light pink)
393	NORMANDITE	452	RHODOCHROSITE (pink-red)
394	OKENITE	453	RHODONITE
395	OLIGOCLASE	454	RICHTERITE
396	OLIVENITE	455	RIEBECKITE
397	OLIVINE	456	ROCKBRIDGEITE
399	OPAL (brown)	457	ROSASITE
398	OPAL (colorless)	458	ROSELITE
401	ORTHOCLASE (brown-grey)	459	RUTILE
400	ORTHOCLASE (colorless)	460	SAINFELDITE
402	OTAVITE	461	SAL AMMONIAC
403	PALYGORSKITE	462	SAPPHIRINE
404	PARAKELDYSHITE	463	SASSOLITE
405	PARAUMBITE	465	SCAPOLITE (blue)
406	PARISITE (Ce)	464	SCAPOLITE (white)
407	PARNAUTE	466	SCHEELITE
408	PAULINGITE	467	SCHORL
410	PECTOLITE (white)	468	SCHORLOMITE
409	PECTOLITE (white)	469	SCHULTENITE
411	PELLYITE	470	SCOLECITE
412	PENKVLKSITE	472	SCORODITE (apple green)
413	PERCYLITE	471	SCORODITE (brown)
414	PEROVSKITE	473	SCORODITE (dark green)
415	PETALITE	474	SCORZALITE
416	PHARMAKOSIDERITE (yellow)	475	SEKANINAITE

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476	SELLAITE	534	TOPAZ (light green)
477	SEPIOLITE	535	TOPAZ (yellow)
478	SERANDITE	536	TREMOLITE
479	SERPIERITE	537	TRIDYMITE
480	SHATTUCKITE	538	TRIPHYLITE
481	SHUIKITE	539	TRIPLITE
482	SIDERITE	540	TRIPLOIDITE
483	SIDEROTIL	541	TRONA
484	SIDORENKITE	542	TSCHERMIGITE (colorless)
485	SILLIMANITE	543	TSCHERMIGITE (white)
486	SKLODOWSKITE	544	TSUMEBITE
487	SLAVIKITE	545	TUGTUPITE
488	SMITHSONITE (green)	546	TUNGSTITE
490	SMITHSONITE (pale green)	547	TURQUOISE
489	SMITHSONITE (pink)	548	TYROLITE
491	SMITHSONITE (white)	549	URANINITE
493	SODALITE (blue)	550	URANOPHANE
492	SODALITE (colorless)	551	URANOPILITE
494	SODDYITE	552	USSINGITE
495	SPENCERITE	553	UVAROVITE
496	SPESSARTINE	554	VALENTINITE
497	SPINEL	555	VANADINITE (brown)
499	SPODUMENE (pink)	556	VANADINITE (red)
498	SPODUMENE (white)	557	VANTHOFFITE
500	SREBRODOLSKITE	558	VARISCITE
501	STARKEYITE	559	VAUQUELINITE (greenish-black)
502	STAUROLITE	560	VAUQUELINITE (yellow)
503	STEENSTRUPINE (Ce)	561	VERSILIAITE (black)
504	STIBICONITE	562	VESIGNIEITE
505	STILBITE	563	VESUVIANITE
506	STOLZITE	564	VINOGRADOVITE (violet-grey)
507	STRASHIMIRITE	565	VINOGRADOVITE (white)
508	STRENGITE (bluish-grey)	566	VIVIANITE
509	STRENGITE (pink)	567	VOLBORTHITE (green)
511	STRONTIANITE (white)	568	VOLBORTHITE (yellow green)
510	STRONTIANITE (yellowish)	569	VUONNEMITE
512	STRUNZITE	571	WADEITE (pale violet)
513	STRUVITE	570	WADEITE (violet)
514	SURSASSITE	572	WAGNERITE
515	SUSSEXITE	573	WALPURGITE
516	TACHYHYDRITE	574	WARDITE
517	TADZHIKITE (Ce)	575	WAVELLITE (green)
518	TALC	576	WAVELLITE (grey)
519	TAMARUGITE	577	WELLSITE
520	TARBUTTITE	578	WHEWELLITE
521	TAVORITE	579	WILLEMITE
522	TEPHROITE	581	WITHERITE (Cumberland, United Kingdom)
523	TERSKITE		
524	TETRAROOSEVELTITE	580	WITHERITE (Neubung, Germany)
525	THAUMASITE	582	WOEHLERITE
526	THENARDITE	583	WOLLASTONITE
527	THOMSENOLITE	584	WULFENITE (creamy grey)
529	THOMSONITE (Old Kilpatrick, United Kingdom)	586	WULFENITE (orange)
		585	WULFENITE (yellow)
528	THOMSONITE (Vinarice, Czech Republic)	587	YOFORTIERITE
		588	YUKSPORITE
530	THORITE	589	ZANAZZITE
531	THORTVEITITE	590	ZEUNERITE
532	TITANITE	591	ZINCITE
533	TOBERMORITE	592	ZINCOCOPIAPITE



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593	ZIRCON (brown)		597	ZORITE
594	ZIRCON (brown)		598	ZUNYITE
596	ZOISITE (grey)		599	ZWIESELITE
595	ZOISITE (pink red)		600	ZYKAITE