

# U. S. Geological Survey Minerals FT-IR Spectral Library

## *Index of Compounds*

<u>No.</u>	<u>Compound Description</u>	<u>No.</u>	<u>Compound Description</u>
6	"Alunite; Potassium alunite, synthetic"	40	Montmorillonite (<25m)
7	"Alunite; Sodium alunite, synthetic"	41	Montmorillonite (<25m)
1	Acmite	42	Montmorillonite <25m
2	Acmite	43	Muscovite
3	Albite	44	Nontronite
5	Alunite	45	Olivine (F011)
4	Alunite; Ammonioalunite	46	Olivine (F018)
8	Andalusite	47	Olivine (F029)
9	Andradite	48	Olivine (F041)
10	Anorthite	49	Olivine (F051)
11	Antigorite	50	Olivine (F060)
12	Augite	51	Olivine (F066)
13	Augite	52	Olivine (F088)
14	Beryl	53	Olivine (F088)
15	Beryl	54	Olivine (F091)
16	Bustamite	55	Olivine (FO92)
17	Calcite	56	Orthoclase; Moonstone
18	Clinocllore	57	Pectolite
19	Clinocllore	58	Phlogopite
20	Cordierite	59	Pyrophyllite
21	Diopside	60	Quartz
22	Diopside	61	Quartz
23	Enstatite	62	Rhodonite
24	Epidote	63	Richterite
25	Grossular	64	Riebeckite
26	Gypsum; Alabaster	65	Sanidine
27	Hedenbergite	66	Sanidine
28	Hemimorphite	67	Saponite
29	Hornblende	68	Sepiolite
30	Hornblende	69	Smectite
31	Hornblende; Magnesian	70	Spessartine
32	Hyperthene	71	Spodumene
33	Illite	72	Talc
34	Illite/smectite (35% illite layers)	74	Tourmaline
35	Kaolinite (poorly crystallized)	73	Tourmaline; Elbaite
36	Kaolinite (well crystallized)	75	Tremolite
37	Kyanite	76	Tremolite
38	Laboradorite	77	Vermiculite
39	Microcline	78	Wollastonite