

## **XRD Mineralogy Set - 50 different minerals**

Art. ID	CX-3000-1
Unit	set
Deliverydetails	No Dangerous Good /not restricted

### Description

XRD Mineralogy Set - 50 different minerals - Unique assemblage of 50 naturally occurring minerals - Optical and x-ray diffraction comparisons - Fine 44 µm particle size - Alpha-numerically indexed - Wood case included. The XRD Mineralogy Set is a collection of 50 different mineralogical substances, most are rare, for non-destructive material characterization, analytical identification and comparison studies with diversified instrumentation inclusive of refractive index, birefringence microscopy and x-ray diffraction. Each mineral is initially hand selected for high concentration content, comminuted to a uniform particle size of 44µ (-325 mesh size) and blended to ensure uniform representation. Minerals Content:

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Albite					
	Cassiterite					
	Lepidolite					
	Pumice					
	Spodumene					
	Amazonite					
	Celestite					
	Microline					
	Pyroxdenite					
	Tetrahedrite					
	Anhydrite					
	Cryolite	[15096-52-3]				
	Monzonite					
	Quartz					
	Titanite					
	Apatite					
	Epidote					
	Nepheline					
	Rhodochrosite					
	Topaz					
	Aragonite					
	Fluorite					
	Obsidian					
	Rutile					
	Tourmaline					

Azurite	
Glaucosite	
Olivine	
Scheelite	
Tremolite	[77536-68-6]
Barite	
Grossular	
Opal	
Serpentine	
Vesuvianite	
Beryl	
Gypsum	
Orpiment	
Siderite	
Wollastonite	
Biotite	
Hornblende	
Parthite	
Sodalite	
Zincite	
Calcite	
Labradorite	
Prehnite	
Sphalerite	
Zircon	