

## Colemanite 75 Micron Ground

Calcium borate, di-calcium hexaborate pentahydrate

Colorless to white crystalline material



CAS Number: 1318-33-8

CHEMICAL SPECIFICATIONS		
Component	Unit	Content
B <sub>2</sub> O <sub>3</sub>	%	39.50 – 40.50
CaO	%	26.00 – 28.00
Na <sub>2</sub> O	%	0.50 max
SO <sub>4</sub>	%	0.60 max
MgO	%	3.00 max
SiO <sub>2</sub>	%	4.00 - 6.50
SrO	%	1.50 max
Fe <sub>2</sub> O <sub>3</sub>	%	0.08 max
Al <sub>2</sub> O <sub>3</sub>	%	0.40 max
As	ppm	35.00 max
L.O.I.	%	25.00 max
Moisture	%	1.00 max

PHYSICAL SPECIFICATIONS		
Mesh Size	Unit	Content
+100 mesh	%	0.50 max
- 200 mesh	%	82.00 min

### Other Properties

- Melting Point\* : 930 °C (\*Pure Colemanite)
- Solubility in Water: 0.81% by weight @ 20 °C of a saturated solution
- pH: 9.5 (1.0% solution @ 20 °C)
- Aprox. Bulk Density: 59 lbs/ft<sup>3</sup>
- Decomposition: Dehydration begins 105 °C

### Packaging

Colemanite (75 micron) is available in bulk, in 2,200 lb. super sack and in 25 kg net (55.2 lb. net) multiwall paper bags. Custom packaging is available.

Specification data is determined by Eti Maden analytical methods