

## GROUND COLEMANITE 45 micron, 75 micron

**Application:** in industrial production for the production of boron, boric acid and other compounds containing boron.

**Appearance:** ground gray to brown powder

**CAS N°** 1318-33-8, **EC N°** 817-854-2

**Chemical formula:**  $\text{Ca}_2\text{B}_6\text{O}_{11} \cdot 5\text{H}_2\text{O}$

### Chemical Specification:

Name of indicator	Units	Norm for the grade (-45 microns)	Norm for the grade (-75 microns)
B <sub>2</sub> O <sub>3</sub>	%	40±0,50	40±0,50
CaO	%	27±1	27±1
SiO <sub>2</sub>	%	4,00 – 6,50	4,00 – 6,50
SO <sub>4</sub>	%, max	0,60	0,60
As	ppm, max	35	35
Fe <sub>2</sub> O <sub>3</sub>	%, max	0,08	0,08
Al <sub>2</sub> O <sub>3</sub>	%, max	0,40	0,40
MgO	%, max	3,00	3,00
SrO	%, max	1,50	1,50
Na <sub>2</sub> O	%, max	0,50	0,50
L.O.I	%, max	25,00	25,00
Moisture	%, max	1,00	1,00
Bulk density	ton/m <sup>3</sup> max	1,00	1,00

### Particle Size Specification:

Size (mm)	Units	Norm for the grade (-45 microns)	Norm for the grade (-75 microns)
+ 150 micron	%, max	0,25	0,50
- 45 micron	%, min	75	-
- 75 micron	%, min	-	82

**Packaging:** 1000 kg big bags ± 0.5%