

# Colemanite

## About colemanite

A natural mineral that contains boron.

Colemanite is a calcium borate compound that contains 5 molecules of crystalline water.

The chemical formula is  $2\text{CaO} \cdot 3\text{B}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$ .

We handle colemanite that is sourced in Turkey.

## Product List (representative values)

Product name		Colemanite		Calcinated colemanite
Granularity		75 $\mu$ m	25mm-3mm	75 $\mu$ m
Chemical composition (%)	Ig.loss	25.00		12.00
	B <sub>2</sub> O <sub>3</sub>	42.00	38.00	46.67
	SiO <sub>2</sub>	5.50	4.50	6.11
	Al <sub>2</sub> O <sub>3</sub>	0.85	0.47	0.94
	Fe <sub>2</sub> O <sub>3</sub>	0.35	0.33	0.39
	MgO	2.25	1.15	2.50
	CaO	24.25	25.60	26.94
SO <sub>4</sub>	0.80	0.40	0.89	
Minera name		Colemanite		Colemanite
Chemical formula		$2\text{CaO} \cdot 3\text{B}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$		$2\text{CaO} \cdot 3\text{B}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$

## Applications

Steel additive, glass production, and for Weed suppressing agent

## Delivery formats

- Flexible containers : 600kg, 1,050kg, 1,200kg
- Paper bags : To be discussed