

## CERTIFICATE OF ANALYSIS

# Cambrian Blue Clay

Product name: Cambrian Blue Clay

Product number: CSBLUECLAY-2302

### TEST RESULTS

Sr. No	TEST PERFORMED	LIMIT	RESULTS
1.	DESCRIPTION	Very fine, homogeneous, Grayish Blue powder with an earthy odor.	Complies
2.	SOLUBILITY	Practically insoluble in water and in aqueous Solutions	Complies
3.	SiO <sub>2</sub>	46 to 50%	49.54%
4.	Al <sub>2</sub> O <sub>3</sub>	21% to 25%	22.61%
5.	Fe <sub>2</sub> O <sub>3</sub>	0.25% Max.	0.18%
6.	TiO <sub>2</sub>	0.20% Max.	0.12%
7.	CaCO <sub>3</sub>	3% to 8%	7.15%
8.	Loss on ignition	NMT 15%	11.80%
9.	Moisture	1% Max	0.78%
10.	Water absorption	30 to 32%	32 ml/100gm
11.	Bulk density (Tapped 20 times)	0.5 to 0.7gm/cc	0.65gm/c c
12.	pH Value (2% aqueous solution)	6 to 9	8.2
13.	Residue on 325 mesh (Wet analysis)	2 % Max.	0.80%
REMARK—The above material passes as Specification.			