PRODUCT TECHNICAL DATA

BENTONITE CLAY BP

Product code: OGR13

Description: Natural Bentonite is natural clay and is a complex hydrated silicate and comprises aluminium and magnesium silicates together with other silicates. Product has a high percentage of sodium in the crystal lattice and is classed as sodium bentonite. Product is formed as a result of chemical changes in ancient volcanic rock and is mechanically mined.

Bentonite Clay BP does not contain, is not produced, nor comes into contact with materials derived from animal source or GMO materials and is produced without the use of metal catalysts, reagents or solvents. Product is natural and free from added materials.

Appearance: Very fine homogenous powder
Colour: Cream/greyish
Particle size: < 30 microns

Typical Constituents

	Percentage %
SiO_2	60 – 70
Al_2O_3	15 – 20
CaO	0.5 – 2.0
MgO	10 – 20
Na_2O	1.5 – 2.5
K_2O	0.5 – 1.0
TiO_2	0.1 – 0.3
MnO_2	0.1 – 0.2
SO_3	0.1 – 0.2

Heavy Metals

	mg/kg
Arsenic	< 0.2
Lead	< 1.0

Other typical values

	Percentage %
Loss on drying at 105°C	6.0
Loss on ignition at 500°C	15 – 20

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Technical Manager
04/02/2016