



Mandaksh Exports

GSTIN- 24AESPV2385K1ZP ;
IE code (DGFT) – 2408006465 ;

Office No. 601, 6th Floor, “RK- Prime 2”, 150 Ft Road, Opp Balaji Hall,
Mahapujadham Chowk BRTS, Rajkot 360004, Gujarat, India.
Email- mandaksh.mail@gmail.com ; www.mandakshbentonite.com

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COA - Bentonite Powder – API 13 A Sec 9 (OIL DRILLING)

22.5 gms Bentonite with 350ml fresh water – Ageing time 16 Hours as per API Standards

Determined parameters	Actual Test Observations.
Mixing time	20 minutes
pH	9 to 10
Viscosity @ 600 RPM	40
Montmorillonite content	75 Min
Yield Point / Plastic Viscosity Ratio	2.5
Filtrate Volume	14 ml
Residue of Diameter greater than 75um (wet Screen)	1.50%
Mesh Fineness 200 BSS	82-85%
Marsh Funnel Viscosity @ 5%	46 sec
Mositure	12-13%
Swelling 2gm/100ml	24 Minimum

MONTROMOLLINITE CONTENT - 75% Min

SWELLING – (2gm/100ml) – 25 min

AL₂O₃. 17 to 20%
Fe₂O₃. 13 to 16%
Sodium. 2.70%max
Cao. 2.00%
Na₂O. 2.50%
K₂O. 0.20%
Mgo. 3.00%
Sio₂. 62%
LOI. 7 to 12% = 'LOI STANDS FOR LOSS ON IGNITION'

FOR MANDAKSH EXPORTS.

Abhishek
PROPRIETOR.

