

CERTIFICATE OF ANALYSIS

(BARITE POWDER-API)

Product Name: Barite Powder-API

Property	Specification	Result
Barium sulfate content (BaSo4)	85% MIN	88.18
specific gravity	>4.10 g/cm3	4.11
Residue greater than 75 micron	<3.0 Wt %	2.46
water soluble Alkaline Earth Metals as calcium	>250 mg/kg	190
water soluble Alkaline Earth Metals as CaCO3 (Total Hardness)	Report	65 mg/kg
Cadmium as cd	<3mg/kg (Testing Method: API RP 13I	Note Detected (Detection Limit: 0.5 ppm)
Mercury as Hg	<1mg/kg (Testing Method: API RP 13I	Note Detected (Detection Limit: 0.5 ppm)
Moisture Content	<0.5 Wt %	0.3
soluble carbonate	Report	1010 mg/kg
soluble sulfides	Report	47 mg/kg
Lead as Pb	Report (Testing Method: API RP 13I	Note Detected (Detection Limit: 1.0 ppm)
Particle size (<6 microns)	<30 wt % Min	30.31%
Residue greater than 325 mesh - 44 micron	<5.0 Wt %	13.45%
Iron content (Fe)	<5.0 Wt %	0.25%
Silicon content (si)	<5.0 Wt %	2.22%

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