



# PETROCHEM TUNISIA

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## BARITE

### Technical Product Specifications

**As weighting material for Drilling Fluids  
 (Big-bags of 1.5 Tons)**

Parameter	Specification
Specific gravity (OCMA DFCP)	$\geq 4.2 \text{ g/cm}^3$
Retained on US 200-mesh standard sieve	$\leq 3 \%$
Retained on US 325-mesh standard sieve	$10 \pm 5 \%$
Soluble alkaline earth metals, as Calcium	$\leq 250 \text{ mg/l}$
Apparent viscosity of a suspension of Barite in distilled water at 2.5 Kg/l	125 cPs
pH of Barite suspension at 2.5 Kg/l in distilled water	$\leq 10.0$
Assay on dry basis, as Barium Sulphate	$\geq 80 \%$
Heavy metals on 0.5 acetic acid valuate	Pb $\leq 1.2 \text{ ppm}$ Cu $\leq 50 \text{ ppm}$ Cd $< 0.05 \text{ ppm}$ As $\leq 5.7 \text{ ppm}$ Cr $\leq 0.6 \text{ ppm}$ Hg $\leq 0.5 \text{ ppm}$ Se $\leq 0.5 \text{ ppm}$