

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	47124
Lot Number	003344-1315-190525
Product	Boehmite nanopowder (10-20 nm)
CAS Number	1318-23-6
Molecular Formula	AlOOH•xH ₂ O
Molecular Weight	59.988

Appearance	White nanopowder
Density	Bulk density 0.5 g/ml
Mesh Size	APS 10-20 nm, SSA 142.8 m ² /g
Related Substances	Trace metals analysis : Si : < 42 ppm, Fe : < 12 ppm, Na : < 7 ppm, K : < 7 ppm, Ca : < 8 ppm, Mg : < 1 ppm
Purity	> 99.95% (Trace metals basis)
Storage	Store at RT
Additional Information	Average pore Diameter : 21 nm Weight loss after calcined : 19% (600 °C at 3 h)
Country of Origin	China
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager