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Product Specifications



Catalogue Number	47126
Product	Aluminum oxide nanopowder (~150 nm)
CAS Number	1344-28-1
Molecular Formula	Al ₂ O ₃
Molecular Weight	101.96

Appearance	White nanopowder
Water Content (Karl Fisher)	≤ 0.25%
Mesh Size	APS ~ 150 nm, SSA 10 m ² /g
Related Substances	Impurities : Calcium (Ca) : ≤ 12 ppm, Iron (Fe) : ≤ 15.5 ppm, Potassium (K) : ≤ 12.5 ppm, Sodium (Na) : ≤ 6 ppm, Silicon (Si) : ≤ 16.5 ppm
Assay	Content of alpha phase : ≥ 97%
Purity	≥ 99.9% (Trace metals basis)
Storage	Store at RT

For Laboratory Use Only