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Product Specifications

CaCO₃
CHEM
-IMPEX

Catalogue Number	47150
Product	Calcium carbonate nanopowder, surface
CAS Number	471-34-1
Molecular Formula	CaCO ₃
Molecular Weight	100.09

Appearance	White nanopowder
Insoluble	≤ 0.1% (in Hydrochloric acid)
Mesh Size	APS 15 - 40 nm, SSA 40 m ² /g
Related Substances	MgO : ≤ 0.5% Iron (Fe) : ≤ 0.03%
Assay	≥ 97.5% (CaCO ₃ content)
Purity	≥ 98.5% (Trace metals basis)
Application	Calcium carbonate nanoparticles offer an array of industrial applications owing to its non-toxicity, biocompatibility with bodily fluids, high porosity, and high surface area to volume ratio.
Storage	Store at RT
Additional Information	Morphology : Cubic Whiteness : 93

For Laboratory Use Only