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Product Specifications



Catalogue Number	47203
Product	Neodymium oxide nanopowder (~100 nm)
CAS Number	1313-97-9
Molecular Formula	Nd ₂ O ₃
Molecular Weight	336.48

Appearance	Pale purple nanopowder
Mesh Size	APS 100 nm, SSA 10 m ² /g
Related Substances	Rare earth content : La ₂ O ₃ : ≤ 0.03%, CeO ₂ : ≤ 0.01%, Pr ₆ O ₁₁ : ≤ 0.035% Gd ₂ O ₃ : ≤ 0.01%, Y ₂ O ₃ : ≤ 0.01% Non-rare earth content : Fe ₂ O ₃ : 0.007%, SiO ₂ , CaO : ≤ 0.01% CuO, NiO, PbO : ≤ 0.01%
Residue On Ignition	≤ 1% (1000 °C at 1 h)
Purity	≥ 99.9% (REO) ≥ 99% (TREO)
Storage	Store at RT

For Laboratory Use Only