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Product Specifications



Catalogue Number	22789
Product	Barium nitrate Nitric acid barium salt Barium (II) dinitrate
CAS Number	10022-31-8
Molecular Formula	Ba(NO ₃) ₂
Molecular Weight	261.34

Appearance	White crystalline powder
Solubility	9 g in 100 mL at 20 °C in water
Melting Point	592 °C (Approx.)
Heavy Metals	≤ 5 ppm
Anion	Chloride (Cl ⁻) : ≤ 5 ppm
Cation	Calcium (Ca) : ≤ 0.05% Potassium (K) : ≤ 0.005% Sodium (Na) : ≤ 0.005% Strontium (Sr) : ≤ 0.1% Iron (Fe) : ≤ 2 ppm
pH	5 - 8
Insoluble material	≤ 0.01%
Assay by titration	≥ 99%
Grade	ACS reagent
Storage	Store at RT

For Laboratory Use Only