

Specification Sheet

Product Name: **Cerium nitrate hexahydrate**
Specifications & Purity: 99.95% metals basis
SKU # **C105378**

Parameter	Limit Values
Purity(Based On Trace Rare Earth Analysis)	99.95-100 (%)
Cerium(Ce)	31.1-33.4 (%)
Trace Rare Earth Analysis(by ICP Atomic emission)	0-500 (ppm)
Appearance (C105378)	White to Off-White Moist Crystals and/or Chunks
ICP: Confirms Cerium Component	Confirmed
Solubility in H ₂ O , Clear , Colorless(c = 5%, H ₂ O)	pass
X-Ray Diffraction	Conforms to Structure
CeO ₂ (redox titration)	38.8-40.5 (%)