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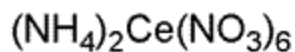
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 30119
Product **Ammonium cerium(IV) nitrate**

Ceric ammonium nitrate

Diammonium cerium(IV) nitrate

CAS Number 16774-21-3
Molecular Formula $\text{Ce}\cdot 4\text{NO}_3\cdot 2\text{HNO}_3\cdot 2\text{H}_3\text{N}$

Molecular Weight 548.22

Appearance Orange-red or orange-yellow solid

Solubility 141 g in 100 mL water

Anion Chloride (Cl^-): $\leq 0.01\%$
Phosphate (PO_4^{3-}): $\leq 0.02\%$

Cation Iron (Fe): $\leq 0.005\%$

Insoluble $\leq 0.05\%$ (in dilute sulfuric acid)

Assay by titration $\geq 98.5\%$

Grade ACS reagent

Application Used as oxidimetric standard.

Storage Store at RT

For Laboratory Use Only