

Product Datasheet

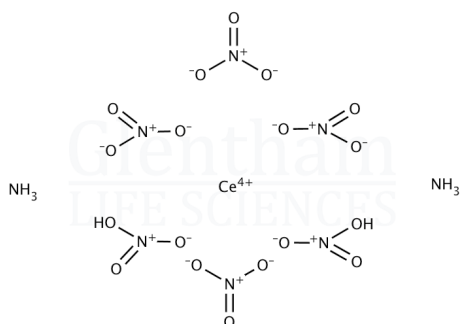
GK7644 - Ammonium cerium(IV) nitrate

Product Details

Product Name	Ammonium cerium(IV) nitrate
Glenthams Code	GK7644
CAS Number	16774-21-3
EINECS	240-827-6
MDL-Nummer	MFCD00151121
PubChem SID	310266775
Related Categories	Rare Earth Compounds

Structure

Molecular Weight : 548.23
Molecular Formula : $\text{H}_8\text{CeN}_8\text{O}_{18}$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

CLP Classification	Skin Irr. 2, Eye Irr. 2A, Ox. Sol. 2, STOT SE 3, STOT SE 3, Acute Tox. 4
Signal Word	Gefahr
Hazard Codes	H315, H319, H272, H335, H336, H302

Precautionary Codes

P280, P220, P305+P351+P338, P261, P301+P312

Pictograms



UN Number, Class, PG (RID)

UN1477 - 5.1 - PG II

Glenthams Product Specification

Physical Description	: Orange to yellow-red powder or crystals
Solubility (5% in water)	: Clear, yellow to yellow-orange solution
Y2O3	: ≤ 0.001%
Pr6O11	: ≤ 0.001%
Nd2O3	: ≤ 0.001%
Sm2O3	: ≤ 0.001%
Fe2O3	: ≤ 0.0002%
La2O3	: ≤ 0.001%
Calcium Oxide (CaO)	: ≤ 0.0002%
Sodium oxide (Na2O)	: ≤ 0.0002%
Loss on Drying	: ≤ 2.0%
TREO	: ≥ 30.0%
CeO2 / TREO	: ≥ 99.9%
Version	: v1.0

About Ammonium cerium(IV) nitrate

No further details on record.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025