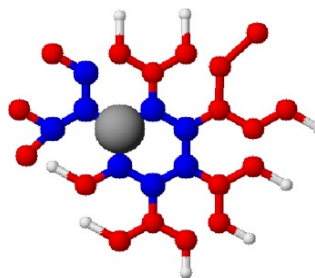


A0075NN Platinum Line**Warranty Certificate**

Assay	min 98.5%
Acid-insoluble matter	0.05%
Chloride (Cl)	0.01%
Iron (Fe)	0.005%
Lead (Pb)	0.005%
Phosphate (PO ₄)	0.02%

Packaging

100g white plastic jar
500g white plastic jar

**Physical properties, composition and data**

Chemical formula	(NH ₄) ₂ Ce(NO ₃) ₆ or CeH ₈ N ₈ O ₁₈
Chemical group	Nitrates
Synonym	Ammonium hexanitratocerate(IV); Ammonium nitratocerate(IV); CAN; Ceric ammonium nitrate; Diammonium cerium(IV) nitrate
Atomic weight	548.23
Appearance	Small, orange-red monoclinic crystals
Solubility	Soluble in alcohol and water
Incompatible substances	Cyanides, hypophosphites, isothiocyanates and thiocyanates

Laboratory preparation, applications and practices

Laboratory preparation	From ceric oxide dissolved in hot concentrated nitric acid
Usage	Standard in oxidimetry and catalyst for polymerization of olefins

Storage and handling information

Storage	Store separated from incompatible substances
Safety phrases	17-26
Risk phrases	9-36/38
Disposal methods	3
Caution	Potentially explosive in the presence of acidic materials and heavy metals

Transport regulations

Tariff code	2836.10.00
Hazardous class	5.1
Packing group	II
UN number	1477
ERG number	140
ECB number	240.827.6

