

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Ammonium Ceric Nitrate 99% AR

Catalog Number : O-5019

Batch Number : 5019-01241105

CAS Number : 16774-21-3

Molecular Weight : 548.23 g/mol

Mol. Formula : $(\text{NH}_4)_2\text{Ce}(\text{NO}_3)_6$

Expire Date : 60 Months



No	Test	Specifications	Results
1	Appearance	A reddish - orange crystalline powder	A reddish - orange crystalline powder
2	Assay (oxidimetric; as $(\text{NH}_4)_2\text{Ce}(\text{NO}_3)_6$)	min 99.0 %	99.68%
3	Substance insoluble in dilute H_2SO_4	max 0.05 %	0.01%
4	Chloride (Cl)	max 0.01 %	0.009%
5	Phosphate (PO_4)	max 0.02 %	0.003%
6	Heavy metal (as Pb)	max 0.002 %	0.0007%
7	Iron (Fe)	max 0.005 %	0.0016%
8	Sodium (Na)	max 0.005 %	0.0013%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC