

CERTIFICATE OF ANALYSIS

PRODUCT NAME : AMMONIUM CERIC NITRATE AR

CAS No : 16774-21-3

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

Mol. WT : 548.23

Date of analysis : 26/09/24

Product code : 21460

Batch No. : MCRT-27618-01

Mfd. : Sept. 2024

Exp. : Aug. 2029

S.R	Test	Specification	Observation
1	Description	A reddish–orange crystalline powder.	A reddish–orange crystalline powder.
2	Assay (after Drying)	99.0% min	99.22%
3	Acid insoluble matter	0.005% max	0.003%
4	Chloride (Cl)	0.001% max	<0.001%
5	Sulphate (SO ₄)	0.025% max	<0.025%
6	Lead (Pb)	0.002% max	<0.002%
7	Iron (Fe)	0.002% max	< 0.002%
8	Sodium (Na)	0.005% max	< 0.005%
9	Loss on drying (105 ⁰ c)	3.0% max	0.84%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

Tested By]



**CHEMIST
(Deepa)**

[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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