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Certificate of Analysis

Product 40553 - Ammonium Ceric Nitrate extrapure AR, 99% - [16774-21-3]
Batch No 6870730
Analysis Date 10-Apr-2024
Date of Manufacture April 2024
Expiry Date/Re-Test Date April 2029
Molecular Formula (NH₄)₂Ce(NO₃)₆
Molecular Weight 548.23

Test Parameters	Standards	Actual Results
Appearance (Colour)	Orange	Orange
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution in hot 5N H ₂ SO ₄	Clear	Clear
Solubility (Colour) 10% solution in hot 5N H ₂ SO ₄	Orange	Orange
Assay (Iodometric)	min. 99%	99.4%
Chloride (Cl)	max. 0.001%	Passes
Iron (Fe)	max. 0.003%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Phosphate (PO ₄)	max. 0.005%	Passes
Copper (Cu)	max. 0.001%	Passes
Sodium (Na)	max. 0.005%	Passes

FRM/82/11/4/40553 Rev No. 2 Date 09/09/2018

Prepared by **ThakurRohit**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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