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PVT. LTD.**

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Certificate of Analysis

Product **38134 - Ammonium Ceric Sulphate Dihydrate extrapure
AR, 99% - [10378-47-9]**

Batch No **2945854**

Analysis Date 17-Aug-2019

Date of Manufacture August 2019

Expiry Date/Re-Test Date August 2024

Molecular Formula $(\text{NH}_4)_4\text{Ce}(\text{SO}_4)_4 \cdot 2\text{H}_2\text{O}$

Molecular Weight 632.55

Test Parameters	Standards	Actual Results
Appearance (Colour)	Orange yellow	Yellow
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 yellow	Yellow
Assay	min. 99%	99.4%
Chloride (Cl)	max. 0.001%	Passes
Iron (Fe)	max. 0.005%	Passes
Heavy Metals (Pb)	max. 0.002%	Passes
Phosphate (PO ₄)	max. 0.005%	Passes
Copper (Cu)	max. 0.002%	Passes
Sodium (Na)	max. 0.005%	Passes
Potassium (K)	max. 0.005%	Passes

FRM/82/11/4/38134 Rev No. 2 Date 24/07/2017

Prepared by Sagar

In compliance with the standard specifications of SRL

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

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