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Certificate of Analysis

Product	92425 - Ceric Sulphate Tetrahydrate extrapure AR, 80% - [10294-42-5]
Batch No	2771209
Analysis Date	28-Dec-2023
Date of Manufacture	December 2023
Expiry Date/Re-Test Date	December 2028
Molecular Formula	Ce(SO ₄) ₂ ·4H ₂ O
Molecular Weight	404.30

Test Parameters	Standards	Actual Results
Appearance (Colour)	Yellow to orange	Yellow
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution in hot dilute H ₂ SO ₄	Clear	Clear
Solubility (Colour) 10% solution in hot dilute H ₂ SO ₄	Orange yellow	Orange yellow
Assay (Iodometric)	min. 80%	93.4%
Chloride (Cl)	max. 0.001%	Passes
Iron (Fe)	max. 0.005%	Passes
Phosphate (PO ₄)	max. 0.01%	Passes
Heavy Metals (Pb)	max. 0.005%	Passes

FRM/82/11/4/92425 Rev No. 3 Date 28/10/2021

Prepared by Priti

In compliance with the standard specifications of SRL

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

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