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Certificate of Analysis

Product	20351 - Lanthanum Chloride Heptahydrate extrapure AR, ACS, 99% - [10025-84-0]
Batch No	2112016
Analysis Date	08-Feb-2024
Date of Manufacture	February 2024
Expiry Date/Re-Test Date	February 2029
Molecular Formula	LaCl ₃ .7H ₂ O
Molecular Weight	371.37

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (ex Cl)	min. 99%	99.8%
Insoluble matter	max. 0.01%	0.01%
Sulphate (SO ₄)	max. 0.002%	Passes
Iron (Fe)	max. 0.0002%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.03%	Passes
Potassium (K)	max. 0.002%	Passes
Sodium (Na)	max. 0.005%	Passes
Magnesium (Mg)	max. 0.001%	Passes
Calcium (Ca)	max. 0.0005%	Passes

FRM/82/11/4/20351 Rev No. 1 Date 01/11/2015

Prepared by Jayesh

In compliance with the standard specifications of SRL

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

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