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Certificate of Analysis

Product	43302 - Mercuric Sulphate ACS, ExiPlus, Multi-Compendial, 99% - [7783-35-9]
Batch No	7642427
Analysis Date	03-Jul-2024
Date of Manufacture	July 2024
Expiry Date/Re-Test Date	July 2029
Molecular Formula	HgSO ₄
Molecular Weight	296.65

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, Ph.Eur	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution 5N H ₂ SO ₄	Clear	Clear
Solubility (Colour) 10% solution 5N H ₂ SO ₄	Colourless	Colourless
Assay (EDTA Titration)	min. 99%	99.4%
Residue after reduction	max. 0.02%	0.008%
Chloride (Cl)	max. 0.003%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0005%	Passes
Potassium (K)	max. 0.002%	Passes
Sodium (Na)	max. 0.005%	Passes
Mercurous Mercury (as Hg)	max. 0.15%	Passes
Nitrate (NO ₃)	Passes test	Passes

FRM/82/11/4/43302 Rev No. 2 Date 10/07/2022

Prepared by Yogesh

In compliance with the standard specifications of SRL

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

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