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Certificate of Analysis

Product 20846 - Mercuric Sulphate extrapure AR, 99% -
[7783-35-9]
Batch No 4604776
Analysis Date 03-Mar-2024
Date of Manufacture March 2024
Expiry Date/Re-Test Date March 2029
Molecular Formula HgSO₄
Molecular Weight 296.65

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
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	Colourless	Colourless
Assay (EDTA Titration)	min. 99%	99.6%
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

FRM/82/11/4/20846 Rev No. 3 Date 10/07/2022

Prepared by Jayesh

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

1/1

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