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Certificate of Analysis

Product

**60178 - Mercuric Oxide Red ACS, ExiPlus,
Multi-Compendial, 99% - [21908-53-2]**

Batch No

4174526

Analysis Date

04-Feb-2024

Date of Manufacture

February 2024

Expiry Date/Re-Test Date

February 2029

Molecular Formula

HgO

Molecular Weight

216.59

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of Ph.Eur	Passes
Appearance (Colour)	Red to orange red	Orange red
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 10% solution in hot 5N HCl	Clear	Clear
Solubility (Colour) 10% solution in hot 5N HCl	Yellow	Yellow
Assay (EDTA Titration)	min. 99%	99.3%
Insoluble in diluted HCl	max. 0.03%	0.02%
Residue after reduction	max. 0.025%	Passes
Chloride (Cl)	max. 0.025%	Passes
Sulphate (SO ₄)	max. 0.015%	Passes
Iron (Fe)	max.0.005%	Passes
Nitrogen Compounds (N)	max. 0.005%	Passes

FRM/82/11/4/60178 Rev No. 2 Date 22/02/2023

Prepared by Dnyaneshwar

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

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