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## Certificate of Analysis

<b>Product</b>	<b>37053 - Mercuric Oxide Yellow extrapure AR, ACS, 99.3% - [21908-53-2]</b>
<b>Batch No</b>	<b>8790727</b>
<b>Analysis Date</b>	16-Aug-2023
<b>Date of Manufacture</b>	August 2023
<b>Expiry Date/Re-Test Date</b>	August 2028
<b>Molecular Formula</b>	HgO
<b>Molecular Weight</b>	216.59

Test Parameters	Standards	Actual Results
Appearance (Colour)	Yellow or yellow-orange	Yellow-orange
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 10% solution in hot 5N HCl	Clear	Clear
Assay (EDTA Titration)	min. 99.3%	99.4%
Insoluble in diluted HCl	max. 0.03%	0.01%
Residue after reduction	max. 0.05%	0.01%
Chloride (Cl)	max. 0.025%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.01%	Passes
Iron (Fe)	max. 0.003%	Passes
Nitrogen Compounds (N)	max. 0.005%	Passes

FRM/82/11/4/37053 Rev No. 1 Date 07/05/2018

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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