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## Certificate of Analysis

<b>Product</b>	<b>44682 - Mercurous Nitrate Dihydrate extrapure AR, ACS, 98% - [14836-60-3]</b>
<b>Batch No</b>	<b>5110003</b>
<b>Analysis Date</b>	28-Jan-2023
<b>Date of Manufacture</b>	January 2023
<b>Expiry Date/Re-Test Date</b>	January 2028
<b>Molecular Formula</b>	Hg <sub>2</sub> (NO <sub>3</sub> ) <sub>2</sub> ·2H <sub>2</sub> O
<b>Molecular Weight</b>	561.22

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off - white	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 10% solution in 5N HNO <sub>3</sub>	Clear	Clear
Solubility (Colour) 10% solution in 5N HNO <sub>3</sub>	Colourless	Colourless
Assay (Iodometric)	min. 98%	98.7%
Chloride (Cl)	max. 0.002%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.002%	Passes
Iron (Fe)	max. 0.001%	Passes
Residue after reduction	max. 0.01%	Passes
Mercuric Mercury (Hg)	max. 0.5%	Passes

FRM/82/11/4/44682 Rev No. 2 Date 28/01/2023

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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