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## Certificate of Analysis

<b>Product</b>	<b>10290 - Barium Nitrate extrapure, 98% - [10022-31-8]</b>
<b>Batch No</b>	<b>2990331</b>
<b>Analysis Date</b>	30-Sep-2023
<b>Date of Manufacture</b>	September 2023
<b>Expiry Date/Re-Test Date</b>	September 2028
<b>Molecular Formula</b>	Ba(NO <sub>3</sub> ) <sub>2</sub>
<b>Molecular Weight</b>	261.35

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (EDTA Titration)	min. 98%	99.3%
pH (5% aq. solution)	5.0 - 8.0	5.7
Chloride (Cl)	max 0.0005%	Passes
Iron (Fe)	max. 0.0002%	Passes

FRM/82/11/4/10290 Rev No. 2 Date 06/07/2022

Prepared by **ThakurRohit**

In compliance with the standard specifications of SRL

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

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