



**SISCO  
RESEARCH  
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PVT. LTD.**

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# Certificate of Analysis

<b>Product</b>	<b>35145 - Barium Carbonate pure, 98.5% - [513-77-9]</b>
<b>Batch No</b>	<b>5810780</b>
<b>Analysis Date</b>	27-Jul-2024
<b>Date of Manufacture</b>	July 2024
<b>Expiry Date/Re-Test Date</b>	July 2029
<b>Molecular Formula</b>	BaCO <sub>3</sub>
<b>Molecular Weight</b>	197.34

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution in 3N HCl	Clear	Clear
Assay (NaOH titration)	min. 98.5%	99.3%
Chloride (Cl)	max. 0.01%	Passes
Sulphide (S)	max. 0.05%	Passes
Iron (Fe)	max. 0.005%	Passes
Heavy Metals (Pb)	max. 0.002%	Passes
Potassium (K)	max. 0.01%	Passes
Sodium (Na)	max. 0.05%	Passes

FRM/82/11/4/35145 Rev No. 2 Date 04/12/2022

Prepared by Jayesh

In compliance with the standard specifications of SRL

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

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