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Certificate of Analysis

Product	88030 - Barium Nitrate ACS, 99% - [10022-31-8]
Batch No	1728913
Analysis Date	24-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	Ba(NO ₃) ₂
Molecular Weight	261.35

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder/solid	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (EDTA Titration)	min. 99%	99.2%
pH (5% aq. solution)	5.0-8.0	5.12
Insoluble matter	max. 0.01%	Nil
Chloride (Cl)	max. 0.0005%	Passes
Iron (Fe)	max. 0.0002%	Passes
Potassium (K)	max. 0.005%	Passes
Sodium (Na)	max. 0.005%	Passes
Strontium (Sr)	max. 0.1%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Calcium (Ca)	max. 0.05%	Passes

FRM/82/11/4/88030 Rev No. 3 Date 17/03/2024

Prepared by Komal

In compliance with the standard specifications of SRL

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

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