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Certificate of Analysis

Product **68554 - Barium Chloride Dihydrate ACS, 99% - [10326-27-9]**
Batch No **6800680**
Analysis Date 28-Feb-2024
Date of Manufacture February 2024
Expiry Date/Re-Test Date February 2029
Molecular Formula BaCl₂.2H₂O
Molecular Weight 244.28

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Solid /Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (ex Cl)	min. 99%	99.4%
pH (5% aq. solution)	5.2 - 8.2	5.3
Loss on drying at 105°C	14.0 - 16.0 %	14.8%
Water Insoluble matter	max. 0.005%	0.003%
Iron (Fe)	max. 0.0002%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Potassium (K)	max. 0.0025%	Passes
Sodium (Na)	max. 0.005%	Passes
Calcium (Ca)	max. 0.05%	Passes
Strontium (Sr)	max. 0.1%	Passes
Oxidizing substances(as NO ₃)	max. 0.005%	Passes

FRM/82/11/4/68554 Rev No. 3 Date 21/10/2023

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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