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Certificate of Analysis

Product 45569 - Barium Acetate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99% - [543-80-6]
Batch No 2755073
Analysis Date 27-Nov-2023
Date of Manufacture November 2023
Expiry Date/Re-Test Date November 2028
Molecular Formula (CH₃COO)₂Ba
Molecular Weight 255.42

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur	Passes
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. 99%	99.4%
pH (5% aq. solution)	7.0 - 8.5	8.26
Chloride (Cl)	max. 0.0005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0005%	Passes
Nitrogen Compounds (N)	max. 0.002%	Passes
Potassium (K)	max. 0.003%	Passes
Sodium (Na)	max. 0.005%	Passes

FRM/82/11/4/45569 Rev No. 1 Date 01/11/2015

Prepared by Priti

In compliance with the standard specifications of SRL

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

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