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Certificate of Analysis

Product	16985 - Barium Acetate ACS, 99% - [543-80-6]
Batch No	9434600
Analysis Date	27-Nov-2023
Date of Manufacture	November 2023
Expiry Date/Re-Test Date	November 2028
Molecular Formula	(CH ₃ COO) ₂ Ba
Molecular Weight	255.42

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder/Crystal	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
Water Insoluble matter	max. 0.01%	0.01%
Chloride (Cl)	max. 0.001%	Passes
Iron (Fe)	max. 0.001%	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
Calcium (Ca)	max. 0.05%	Passes
Strontium (Sr)	max. 0.2%	Passes
Oxidizing substances(as NO ₃)	max. 0.001%	Passes

FRM/82/11/4/16985 Rev No. 2 Date 25/11/2023

Prepared by Priti

In compliance with the standard specifications of SRL

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

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