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Certificate of Analysis

Product	72918 - Bismuth (III) Nitrate Pentahydrate extrapure, 98% - [10035-06-0]
Batch No	5920670
Analysis Date	18-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	Bi(NO ₃) ₃ .5H ₂ O
Molecular Weight	485.07

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 10% solution in 5N HNO ₃	Clear	Clear
Solubility (Colour) 10% solution in 5N HNO ₃	Colourless	Colourless
Assay (EDTA Titration)	min. 98%	98.8%
Chloride (Cl)	max.0.005%	Passes
Sulphate (SO ₄)	max.0.02%	Passes
Sodium (Na)	max. 0.02%	Passes

FRM/82/11/4/72918 Rev No. 2 Date 05/07/2022

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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