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Certificate of Analysis

Product **50012 - Ammonium Sulphamate (High Purity) ACS, ExiPlus, Multi-Compendial, 99.5% - [7773-06-0]**
Batch No **4481913**
Analysis Date 05-Jun-2024
Date of Manufacture June 2024
Expiry Date/Re-Test Date June 2029
Molecular Formula H6N2SO3
Molecular Weight 114.12

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline hygroscopic compound	Crystalline hygroscopic compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (ex N)	min. 99.5%	99.5%
Insoluble matter	max. 0.02%	0.01%
Melting Point	131° - 134°C	133.8°C
pH (5% aq. solution)	5.0 - 6.5	5.4
Loss on drying	max. 1%	0.2%
Sulphated Ash	max. 0.02%	0.01%
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO4)	max. 0.02%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0001%	Passes
Nitrate (NO3)	max 0.002%	Passes

FRM/82/11/4/50012 Rev No. 3 Date 06/02/2023

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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