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Certificate of Analysis

Product **62419 - Ammonium Sulphamate (High Purity) extrapure AR, 99.5% - [7773-06-0]**
Batch No **6059420**
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
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%
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/82/11/4/62419 Rev No. 2 Date 06/02/2023

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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