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Certificate of Analysis

Product **87464 - 3,5-Dinitrobenzoic Acid extrapure AR, ExiPlus, Multi-Compendial, 99% - [99-34-3]**

Batch No **6410139**

Analysis Date 16-Oct-2021

Date of Manufacture October 2021

Expiry Date/Re-Test Date October 2026

Molecular Formula C7H4N2O6

Molecular Weight 212.12

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur	Passes
Appearance (Colour)	Pale yellow	Pale yellow
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution in methanol	Clear	Clear
Solubility (Colour) 10% solution in methanol	Yellow	Yellow
Assay	min. 99%	99.5%
Melting Point	204 - 208°C	207°C
Loss on drying	max. 0.5%	0.2%
Sulphated Ash	max. 0.1%	0.05%
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Sensitivity to Creatinine	Passes test	Passes

FRM/82/11/4/87464 Rev No. 1 Date 07/21/2019

Prepared by Amruta

In compliance with the standard specifications of SRL

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

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