



**SISCO  
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## Certificate of Analysis

<b>Product</b>	<b>87464 - 3,5-Dinitrobenzoic Acid extrapure AR, ExiPlus, Multi-Compendial, 99% - [99-34-3]</b>
<b>Batch No</b>	<b>4279838</b>
<b>Analysis Date</b>	03-Oct-2024
<b>Date of Manufacture</b>	October 2024
<b>Expiry Date/Re-Test Date</b>	October 2029
<b>Molecular Formula</b>	C7H4N2O6
<b>Molecular Weight</b>	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 (HPLC)	min. 99%	99.5%
Melting Point	204 - 208°C	207.4°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 **Prajakta**

In compliance with the standard specifications of SRL

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

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