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## Certificate of Analysis

<b>Product</b>	<b>89740 - Naphthalene-1-Acetic Acid (NAA) extrapure, 99% - [86-87-3]</b>
<b>Batch No</b>	<b>8978727</b>
<b>Analysis Date</b>	23-Jan-2024
<b>Date of Manufacture</b>	January 2024
<b>Expiry Date/Re-Test Date</b>	January 2029
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>10</sub> O <sub>2</sub>
<b>Molecular Weight</b>	186.21

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	Off white
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution in methanol	Clear	Clear
Solubility (Colour) 10% solution in methanol	Colourless to pale yellow	Pale yellow
Assay (NaOH titration)	min. 99%	99.4%
Melting Point	128 - 131°C	130.7°C
Sulphated Ash	max. 0.1%	0.02%
Water (KF)	max. 0.5%	0.3%

FRM/82/11/4/89740 Rev No. 2 Date 12/08/2018

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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