



**SISCO  
RESEARCH  
LABORATORIES  
PVT. LTD.**

[www.srlchem.com](http://www.srlchem.com)

## Certificate of Analysis

<b>Product</b>	<b>58586 - 3,5-Dinitrobenzoic Acid extrapure, 98% - [99-34-3]</b>
<b>Batch No</b>	<b>6128337</b>
<b>Analysis Date</b>	01-Nov-2022
<b>Date of Manufacture</b>	November 2022
<b>Expiry Date/Re-Test Date</b>	November 2027
<b>Molecular Formula</b>	C7H4N2O6
<b>Molecular Weight</b>	212.12

Test Parameters	Standards	Actual Results
Appearance (Colour)	Off white to pale yellow	Pale yellow
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Colour) 5% solution in Acetone	Yellow	Yellow
Solubility (Turbidity) 5% solution in Acetone	Clear	Clear
Assay (HPLC)	min. 98 %	98.3%
Loss on drying	max. 0.5%	0.4%
Melting range	205 - 210°C	208°
Sulphated Ash	max. 0.1%	0.04%
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Sensitivity to Creatinine	Passes test	Passes

FRM/82/11/4/58586 Rev No. 1 Date 07/29/2019

Prepared by PPatil

In compliance with the standard specifications of SRL

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

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

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.