



**SISCO  
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## Certificate of Analysis

<b>Product</b>	<b>49301 - p-Nitrophenol for Spectrophotometry, 99.5% - [100-02-7]</b>
<b>Batch No</b>	<b>5520485</b>
<b>Analysis Date</b>	18-Jan-2023
<b>Date of Manufacture</b>	January 2023
<b>Expiry Date/Re-Test Date</b>	January 2028
<b>Molecular Formula</b>	C6H5NO3
<b>Molecular Weight</b>	139.11

Test Parameters	Standards	Actual Results
Appearance (Colour)	Yellow	Yellow
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution in methanol	Clear	Clear
Solubility (Colour) 10% solution in methanol	Yellow	Yellow
Assay (UV)	min. 99.5%	99.9%
pH range	5.0 - 7.0	5.6
Melting Point	113 - 115°C	114°C
Sulphated Ash	max. 0.05%	0.01%
Absorbance (A) of 1% in 0.1N NaOH in a 1cm cell		
@400nm	min. 1265	1277

FRM/82/11/4/49301 Rev No. 2 Date 18/01/2023

Prepared by Amruta

In compliance with the standard specifications of SRL

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

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