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Certificate of Analysis

Product 49301 - p-Nitrophenol for Spectrophotometry, 99.5% - [100-02-7]
Batch No 4790385
Analysis Date 05-Aug-2024
Date of Manufacture August 2024
Expiry Date/Re-Test Date August 2029
Molecular Formula C6H5NO3
Molecular Weight 139.11

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pale yellow to yellow and slightly dark yellow	Yellow
Appearance (Form)	Powder / crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution in methanol	Clear	Clear
Solubility (Colour) 10% solution in methanol	Pale yellow to yellow	Yellow
Assay (UV)	min. 99.5%	99.8%
pH range	5.0 - 7.0	5.21
Melting Point	113 - 115°C	115°C
Sulphated Ash	max. 0.05%	0.03%
Absorbance (A) of 1% in 0.1N NaOH in a 1cm cell @400nm	min. 1265	1327.51

FRM/82/11/4/49301 Rev No. 3 Date 11/07/2024

Prepared by Vivek

In compliance with the standard specifications of SRL

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

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