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PVT. LTD.**

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Certificate of Analysis

Product

**77948 - p-Toluenesulphonic Acid Monohydrate
extrapure AR, ACS, 99% - [6192-52-5]**

Batch No

3055882

Analysis Date

12-Mar-2024

Date of Manufacture

March 2024

Expiry Date/Re-Test Date

March 2029

Molecular Formula

C7H8SO3.H2O

Molecular Weight

190.21

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (NaOH titration)	min. 99.0%	99.6%
Melting Point	103 - 106°C	106°C
Sulphated Ash	max. 0.1%	0.1%
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO4)	max. 0.02%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Sodium (Na)	max. 0.002%	Passes
Water (KF)	9.5 - 11.5 %	11.2%

FRM/82/11/4/77948 Rev No. 3 Date 11/01/2023

Prepared by **ThakurRohit**

In compliance with the standard specifications of SRL

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

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