

Certificate of Analysis

P-Toluenesulfonic acid monohydrate

ACS reagent, ≥98.5%

Product Number	PSR2896	CAS No.	6192-52-5
Brand	PureSynth	Lot No.	MKM04P
Molecular Formula	C ₇ H ₈ O ₃ S · H ₂ O	Date of Mfg.	April.2023
Molecular Weight	190.22 g/mol	Date of Exp.	March.2026

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder or Crystals	Crystals
Clarity	Clear	Clear
Assay (By HPLC)	≥ 98.5 %	99.23 %
Chloride (Cl)	NMT 0.001 %	Conforms
Sulphate (SO ₄)	NMT 0.02 %	Conforms
Iron (Fe)	NMT 0.0005 %	Conforms
Sodium (Na)	NMT 0.002 %	Conforms
IR Spectrum	Conforms to structure	Conforms

Condition: Store at room temperature and keep the container tightly closed.

Remark: The batch complies with the prescribed quality of the above specification.

Approved By
Head - Technical

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Worldwide Helpline No. 1800-120-1234-34 , Email: info@pure-synth.com , Website: www.pure-synth.com

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