



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : p-TOLUENE SULFONIC ACID FOR SYNTHESIS**

**CAS No : 6192-52-5**  
**Mol. Formula : C<sub>7</sub>H<sub>8</sub>O<sub>3</sub>S.H<sub>2</sub>O**  
**Mol. WT : 190.21**  
**Date of Analysis : 20/10/22**

**Product code : 19580**  
**Batch No : MCR-26819**  
**Mfd. : Oct. 2022**  
**Exp. : Sept. 2027**

S. R	Test	Specification	Observation
1	Description	White to off white crystals or crystalline hygroscopic powder or powder.	White crystalline powder.
2	Assay (acidimetric)	99 %w/w min	99.59%w/w
3	Melting Point	100-105°C	100.8°C
4	Sulphated Ash	0.2 % max	0.1%
5	Chloride(Cl)	0.01 % max	< 0.01 %

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**CHEMIST  
(Deepa)**

**[QC Incharge]**

**HEAD-QUALITY ASSUARANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**  
**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**  
**Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**