CERTIFICATE OF ANALYSIS

PRODUCT NAME : p-TOLUENE SULFONIC ACID FOR SYNTHESIS

CAS No	**: 6192-52-5**	**Product code**	**: 19580**
Mol. Formula	**: $C_7H_8O_3S.H_2O$**	**Batch No**	**: MCR-28164**
Mol. WT	**: 190.21**	**Mfd.**	**: April 2023**
Date of Analysis	**: 24/04/23**	**Exp.**	**: March 2028**

S. R	Test	Specification	Observation
1	**Description**	White to off white crystals or crystalline hygroscopic powder or powder.	Off white crystalline hygroscopic powder.
2	**Assay (acidimetric)**	99 %w/w min	99.38%w/w
3	**Melting Point**	100-105^{0}C	101.9^{0}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] **[QC Incharge]**

CHEMIST
(Priti)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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