



## CERTIFICATE OF ANALYSIS

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

**CAS No : 6192-52-5                      Product code : 19580**  
**Mol. Formula : C<sub>7</sub>H<sub>8</sub>O<sub>3</sub>S.H<sub>2</sub>O              Batch No : MCR-22596**  
**Mol. WT : 190.21                      Mfd. : Jan. 2021**  
**Date of Analysis : 02/01/21              Exp. : Dec. 2025**

S. R	Test	Specification	Observation
1	Description	White to off white crystals or crystalline hygroscopic powder.	White crystalline hygroscopic powder
2	Assay (acidimetric)	99 % w/w min	99.10% w/w
3	Melting Point	100-105 <sup>o</sup> C	101 <sup>o</sup> C
4	Sulphated Ash	0.2 % max	0.12%
5	Chloride(Cl)	0.01 % max	< 0.01 %

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

**[Tested By]**

**[QC Incharge]**

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

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

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