

CERTIFICATE OF ANALYSIS

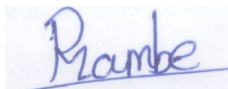
PRODUCT NAME : p-TOLUENE SULFONIC ACID FOR SYNTHESIS

| | | | |
|-------------------------|---|---------------------|-------------|
| CAS No | : 6192-52-5 | Product code | : 19580 |
| Mol. Formula | : C ₇ H ₈ O ₃ S.H ₂ O | Batch No | : MCR-34383 |
| Mol. WT | : 190.21 | Mfd. | : July 2025 |
| Date of Analysis | : 03/07/25 | Exp. | : June 2030 |

| S. R | Test | Specification | Observation |
|---------|----------------------------|--|---|
| 1 | Description | White to off white crystals or crystalline hygroscopic powder or powder. | Off white hygroscopic crystalline powder. |
| 2 | Assay (acidimetric) | 99 %w/w min | 99.28%w/w |
| 3 | Melting Point | 100-105°C | 100.9°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]



**CHEMIST
(Priti)**



[QC Incharge]



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

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