



CERTIFICATE OF ANALYSIS

PRODUCT NAME : p-TOLUENE SULFONIC ACID FOR SYNTHESIS

CAS No : 6192-52-5 **Product code : 19580**
Mol. Formula : C₇H₈O₃S.H₂O **Batch No : MCR-17966**
Mol. WT : 190.21 **Mfd. : Feb. 2019**
Date of analysis : 11/02/19 **Exp. : Jan. 2024**

S. R	Test	Specification	Observation
1	Description	White to off white crystals or crystalline hygroscopic powder.	Off white crystalline hygroscopic powder.
2	Assay (acidimetric)	99 %w/w min	99.33% w/w
3	Melting Point	100-105 ⁰ C	103.4 ⁰ C
4	Sulphated Ash	0.2 % max	0.16%
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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