



CERTIFICATE OF ANALYSIS

Date: 01/09/18

PRODUCT NAME : p-TOLUENE SULFONIC ACID FOR SYNTHESIS

CAS No : 6192-52-5
Mol. Formula : $C_7H_8O_3S.H_2O$
Mol. WT : 190.21
Exp. : Aug. 2023

Product code : 19580
Batch No : MCR-16790
Mfd. : Sept. 2018

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	99.89% w/w
3	Melting Point	100-105 ⁰ C	100.8 ⁰ 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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