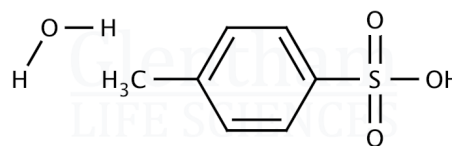


Certificate of Analysis

Product Name	p-Toluenesulfonic acid monohydrate
Glentham Code	GK9853
CAS Number	6192-52-5
EINECS	203-180-0
MDL Number	MFCD00142137
Additional CAS	104-15-4 (anhydrous)
PubChem SID	310279376
Batch Number	542UGN



Molecular Weight	190.22
Molecular Formula	$C_7H_8O_3S \cdot H_2O$
Storage Temp.	+20°C

Property	Specification	Batch 542UGN
Physical Description	White, off-white or pale pink crystals	Conforms
Sulphuric acid	≤ 0.3%	0.0%
p-Toluenesulfonic acid	≥ 88.0% (as-is)	88.5%
Total Acid	≥ 97.0% ($C_7H_8O_3S \cdot H_2O$)	97.8%

Specification Version	v1.0
Manufacture Date	2020-11-19
Re-Test Date	2028-02-18

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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