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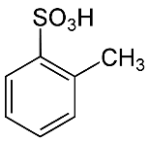
PureSynth®
Research Chemicals

# Product Specification

Product Name:

**o-toluenesulfonic acid Pur*Cert* Secondary Working Standard for GC [Includes all characterisation data]**

| | |
|---|---|
| Product No.: | PSR45416 |
| Brand: | PureSynth |
| CAS No.: | 88-20-0 |
| Molecular Formula: | $C_7H_8O_3S$ |
| Molecular Weight: | 172.20 g/mol |




| Test | Specification |
|---|---|
| Appearance | Pale-Yellow Solid |
| Assay (By HPLC) | ≥ 99.0 % |
| Water (By KF) | NMT 0.500 % |
| Potency | - |
| Density | 1.365 – 1.375 g/cm³ |
| Identification by IR | Conforms to structure |
| Identification by Mass | Conforms to molecular mass |
| Identification by $^1$H-NMR | Conforms to structure |

***Traceable to Internal Reference standard.**

Specification: PC-1.0-QA/1266 Version No.:1.1, 13.10.2026

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com