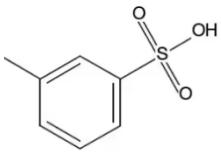
64683 Einhausen Marie-Curie-StraBe. 3, Germany
Website: www.pure-synth.com
Phone: 1800-8908-260
Email: info@pure-synth.com

PureSynth®
Research Chemicals

# Product Specification

Product Name:
**3-Methylbenzenesulfonic acid Pur*Cert* Secondary Working Standard, ≥95%**
**[Includes all characterization data]**

| | |
|---|---|
| Product No.: | PSR49981 |
| Brand: | PureSynth |
| CAS No.: | 617-97-0 |
| Molecular Formula: | $C_7H_8O_3S$ |
| Molecular Weight: | 172.2 g/mol |




| Test | Specification |
|---|---|
| Appearance | Colorless to Pale-yellow Liquid |
| Assay (By HPLC) | ≥ 95.0 % |
| Water (By KF) | NMT 0.500 % |
| Potency | - |
| Density | 1.332 – 1.350 g/cm³ |
| Identification by $^1$H-NMR | Conforms to Structure |
| Identification by Mass | Conforms to Molecular Mass |
| Identification by IR | Conforms to Structure |

***Traceable to Internal Reference Standard**

Specification: PC-1.0-QA/496, Ver. No. 1.1, 18.08.2026.

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