

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

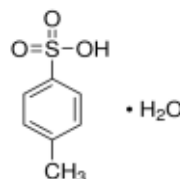
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
p-Toluenesulfonic acid monohydrate - ReagentPlus[®], ≥98%

Product Number: T35920
CAS Number: 6192-52-5
MDL: MFCD00142137
Formula: C₇H₈O₃S · H₂O
Formula Weight: 190.22 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Conforms to Requirements
Powder, Crystals, Crystalline Powder and/or Chunks	
Infrared spectrum	Conforms to Structure
%H ₂ SO ₄ by Titration	≤ 0.50 %
by Ba(ClO ₄) ₂	
Titration with NaOH	98.0 - 102.0 %
Water (by Karl Fischer)	8.0 - 12.0 %
Solubility (Turbidity)	Clear
1g in 10ml Water	
Solubility (Color)	Colorless
Purity (HPLC)	≥ 98.0 %

Specification: PRD.3.ZQ5.10000018524

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.