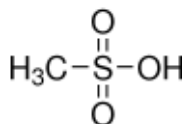


Certificate of Analysis

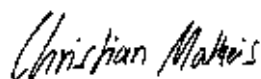
Product Name:

Methanesulfonic acid - ≥99.0%

Product Number: 471356
Batch Number: SDBB1480
Brand: SIAL
CAS Number: 75-75-2
Formula: CH₄O₃S
Formula Weight: 96,11 g/mol
Quality Release Date: 18 DEC 2024
Recommended Retest Date: DEC 2026



| Test | Specification | Result |
|-----------------------------|---------------------------|-----------|
| Appearance (Color) | Colorless to Light Yellow | Colorless |
| Appearance (Form) | Liquid | Liquid |
| Color Test | ≤ 150 APHA | < 20 APHA |
| Titration with NaOH | 99.00 - 101.00 % | 99.48 % |
| ¹ H NMR Spectrum | Conforms to Structure | Conforms |



Dr. Christian Matheis
Manager, Quality Control
Schnelldorf, Germany DE

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.

