

## Certificate of Analysis

Date of Testing: 2023-10-17 15:16:28  
Date of Next Testing: 2027-10-16 15:16:28  
Product Name: **Methanesulfonic acid**  
CAS Number: 75-75-2  
Specifications & Purity: 99.5%  
Lot #: J2311284  
SKU #: **M108504**  
**Analysis:** **276014**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.427-1.431	1.43
Density (20°C)	1.481-1.486	1.48
Purity(Neutralization titration)	99.5-100.5 (%)	99.83%
Melting point	15-20 (°C)	15.20000 °C
Appearance (M108504)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager