

## Certificate of Analysis

Date of Testing: 2022-09-19 17:22:41  
Date of Next Testing: 2026-09-18 17:22:41  
Product Name: **Methanesulfonic acid**  
CAS Number: 75-75-2  
Specifications & Purity: 99.5%  
Lot #: I2201725  
SKU #: **M108504**  
**Analysis:** **125423**  
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 (%)	99.51%
Melting point	15-20 (°C)	15.00000 °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