

## Certificate of Analysis

Date of Testing: 2022-09-02 17:23:03  
Date of Next Testing: 2026-09-01 17:23:03  
Product Name: **2-Methoxyethyl ether**  
CAS Number: 111-96-6  
Specifications & Purity: for spectroscopy, ≥99%  
Lot #: H2211322  
SKU #: **M104422**  
**Analysis: 130944**  
Storage Temperature: Argon charged

| Parameter                     | Limit Values          | Result                |
|-------------------------------|-----------------------|-----------------------|
| Purity(GC)                    | 99-100 (%)            | 99.19%                |
| Ignition Residue (as sulfate) | 0-0.001 (%)           | 0.00%                 |
| UV Absorbance 260nm           | 0-0.2                 | 0.13                  |
| UV Absorbance 400nm           | 0-0.01                | 0.00                  |
| UV Absorbance 240nm           | 0-0.5                 | 0.40                  |
| UV Absorbance 225nm           | 0-1                   | 0.84                  |
| UV Absorbance 320nm           | 0-0.01                | 0.01                  |
| UV Absorbance 280nm           | 0-0.08                | 0.05                  |
| Water by Karl Fischer         | 0-0.05 (%)            | 0.04%                 |
| Appearance (M104422)          | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum             | Conforms to Structure | Conforms to Structure |
| λ, H2O reference              | Pass                  | Pass                  |



John Su  
QA & QC Manager