

## Certificate of Analysis

Date of Testing: 2022-08-17 15:49:34

Date of Next Testing: 2025-08-16 15:49:34

Product Name: **Methanol**

CAS Number: 67-56-1

Specifications & Purity:  $\geq 99.9\%$ (GC)

Lot #: H2212362

SKU #: **M116120****Analysis: 126355**

| Parameter                                  | Limit Values        | Result              |
|--|---------------------|---------------------|
| Carbonyl compounds(CO)                     | 0-0.005 (%)         | 0.00 %              |
| Acidity(as H <sup>+</sup> )                | 0-0.002             | 0.00                |
| Density (20°C)                             | 0.791-0.793 (g/ml)  | 0.79 g/ml           |
| alkalinity(as OH <sup>-</sup> )            | 0-0.0001            | 0.00                |
| Water by Karl Fischer                      | 0-0.05 (%)          | 0.01 %              |
| Assay                                      | 99.9-100 (%)        | 99.90 %             |
| Potassium permanganate reducing substances | Pass                | Pass                |
| Readily carbonizable substance             | pass                | Pass                |
| Solubility in H <sub>2</sub> O             | Almost transparency | almost transparency |

John Su  
QA & QC Manager