

# Certificate of Analysis

## Compound Information

**Product Name:** Methyl Alcohol  
**CAS No.:** 67-56-1  
**Cat. No.:** G9336459  
**Molecular Formula:** CH<sub>3</sub>OH  
**Molecular Weight:** 32.04

## Batch Information

**Batch No.:** 3967843  
**Test Date:** 2025-04-29  
**Report Date:** 2025-04-30  
**Retest Date:** 2028-04-28  
**Storage:** Store in a cool,dry area.  
**Origin:** China

## Test Item

| Test   | Specification                  | Result                    |
|--|--------------------------------|---------------------------|
| Assay (GC), %                                    | ≥99.90                         | 99.99                     |
| Acetaldehyde, %                                  | ≤0.001                         | Conforms to specification |
| Acetone, %                                       | ≤0.001                         | Conforms to specification |
| Appearance                                       | Colorless, no suspended solids | Conforms to specification |
| Color (APHA)                                     | ≤10                            | 5                         |
| Formaldehyde, %                                  | ≤0.001                         | ≤0.001                    |
| Maximum Fluorescence Emission of Impurities, ppb | ≤1                             | 1                         |
| HPLC Gradient Suitability, at 254 nm             | Passes test                    | Conforms to specification |
| Evaporation Residue, ppm                         | ≤2.5                           | 0.2                       |
| Water Solubility                                 | Passes test                    | Passes test               |
| Substances Darkening with Sulfuric Acid          | Passes test                    | Passes test               |
| Substances Reducing Potassium Permanganate       | Passes test                    | Passes test               |
| Titratable Acid, meq/g                           | ≤0.0003                        | 0.0002                    |
| Titratable Base, meq/g                           | ≤0.0002                        | 0.00002                   |

Signature

Reviewed by:

*Handwritten signature*

Reviewed by:

*Debia*

Approved by:

*David*

| Test                   | Specification | Result |
|------------------------|---------------|--------|
| Moisture (KF), %       | ?0.055        | 0.001  |
| Optical Absorbance, AU |               |        |
| at 205 nm              | ?1.00         | 0.75   |
| at 220 nm              | ?0.25         | 0.17   |
| at 230 nm              | ?0.15         | 0.08   |
| at 240 nm              | ?0.05         | 0.03   |
| at 254 nm              | ?0.01         | 0.008  |
| at 280 nm              | ?0.005        | 0.001  |
| at 400 nm              | ?0.005        | 0.001  |

## Conclusion

The product has been tested and complies with the given specifications.

## Signature

Reviewed by :

*Hin Lam*

Reviewed by:

*Debia*

Approved by:

*David*