

# 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.:** 9475073  
**Test Date:** 2025-11-05  
**Report Date:** 2025-11-06  
**Retest Date:** 2028-11-04  
**Storage:** Store in a cool,dry area.  
**Origin** China

## Test Item

Test	Specification	Result
Assay (GC), %	≥99.9	99.99
Color (APHA)	≤10	5
Evaporation Residue, ppm	≤1	0.2
Titrateable Acid, meq/g	≤0.0003	0.0002
Titrateable Base, meq/g	≤0.0002	0.0002
Maximum Fluorescence Emission of Impurities (as quinine sulfate), ppb	≤1.0	Conforms to specification
HPLC Gradient Suitability, mAU		
at 254 nm	≤2	0.2
Optical Absorbance, AU		
205 nm	≤1	0.62
220 nm	≤0.25	0.14
230 nm	≤0.12	0.06
240 nm	≤0.05	0.03
254 nm	≤0.01	0.008
280 nm	≤0.005	0.001
400 nm	≤0.005	0.001

**Signature**

**Reviewed by :**

**Reviewed by:**

**Approved by:**

*William*

*Debia*

*David*

Test	Specification	Result
LC-MS Positive Ion Mode (as reserpine), ppb	?50	Conforms to specification
LC-MS Negative Ion Mode (as 4-nitrophenol)	?50	Conforms to specification
Aluminum (Al), ppm	?0.5	0.05
Barium (Ba), ppm	?0.1	0.01
Cadmium (Cd), ppm	?0.5	0.05
Calcium (Ca), ppm	?0.1	0.01
Chromium (Cr), ppm	?0.02	0.002
Cobalt (Co), ppm	?0.02	0.002
Copper (Cu), ppm	?0.01	0.001
Iron (Fe), ppm	?0.1	0.01
Lead (Pb), ppm	?0.02	0.002
Magnesium (Mg), ppm	?0.1	0.01
Manganese (Mn), ppm	?0.01	0.001
Nickel (Ni), ppm	?0.02	0.002
Potassium (K), ppm	?0.1	0.01
Silver (Ag), ppm	?0.1	0.01
Sodium (Na), ppm	?0.1	0.02
Tin (Sn), ppm	?0.1	0.01
Zinc (Zn), ppm	?0.1	0.01

## Conclusion

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

## Signature

Reviewed by :

*Hinlam*

Reviewed by:

*Debia*

Approved by:

*David*