

Certificate of Analysis

Compound Information

Product Name: Methyl Alcohol
CAS No.: 67-56-1
Cat. No.: G9336459
Molecular Formula: CH₃OH
Molecular Weight: 32.04

Batch Information

Batch No.: 5871583
Test Date: 2026-03-24
Report Date: 2026-03-25
Retest Date: 2029-03-23
Storage: Store in a cool,dry area.
Origin China

Test Item

Test	Specification	Result
Assay (GC), %	≥99.9	99.99
Appearance	Colorless, no suspended solids	Meets requirements
Color (APHA)	≤5	5
Moisture (KF), ppm	≤200	20
Evaporation Residue, ppm	≤1	0.2
Titrateable Acid, meq/g	≤0.0002	0.0001
Titrateable Base, meq/g	≤0.0002	0.00002
Optical Absorbance, AU		
at 205 nm	≤1.00	0.668
at 210 nm	≤0.70	0.38
at 220 nm	≤0.20	0.18
at 225 nm	≤0.160	0.121
at 230 nm	≤0.12	0.08
at 240 nm	≤0.05	0.03
at 250 nm	≤0.020	0.012
at 254 nm	≤0.01	0.008
at 260 nm	≤0.005	0.004
Sodium (Na), ppm	≤0.1	0.01

Signature

Reviewed by :

Reviewed by:

Approved by:

William

Debia

David

Test	Specification	Result
Magnesium (Mg), ppm	?0.1	0.01
Aluminum (Al), ppm	?0.5	0.05
Maximum Fluorescence		
Emission of Impurities, ppb, at 254 nm	?1	0.1
at 365 nm	?0.5	0.05
HPLC Gradient Suitability, mAU		
at 230 nm	?5	0.5
at 235 nm	?2.0	0.2
at 254 nm	?1	0.1
GC ECD Responsive Substance (single peak), ppt	?5	1.4
GC FID Responsive Substance (single peak), ppb	?5	0.5
LC-MS Anodic Test (as reserpine), ppb	Passes test	Passes test
LC-MS Cathodic Test (as nitrophenol), ppb	Passes test	Passes test

Conclusion

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

Signature

Reviewed by :

Hin Lam

Reviewed by:

Debia

Approved by:

David