

# Certificate of Analysis

## Compound Information

**Product Name:** Dichloromethane  
**CAS No.:** 75-09-2  
**Cat. No.:** G1001854  
**Molecular Formula:** CH<sub>2</sub>Cl<sub>2</sub>  
**Molecular Weight:** 84.93

## Batch Information

**Batch No.:** 8486463  
**Test Date:** 2025-10-29  
**Report Date:** 2025-10-30  
**Retest Date:** 2028-10-28  
**Storage:** Store in a cool,dry area.  
**Origin** China

## Test Item

Test	Specification	Result
Assay (GC), excluding pentene, %	≥99.9	99.96
Color (APHA)	≤10	5
Evaporation Residue, ppm	≤1	0.1
Titrateable Acid, meq/g	≤0.0003	0.00003
Moisture (KF), %	≤0.01	0.007
Optical Absorbance, AU		
at 233 nm	≤1.00	0.57
at 240 nm	≤0.12	0.12
at 254 nm	≤0.01	0.005
at 350 nm	≤0.005	0.001
GC-ECD Responsive Substance (single peak), (as heptachlor epoxide), ppt	≤5	1.7
Maximum Fluorescence		
Emission of Impurities (as quinine sulfate), ppb	≤1	Conforms to specification
GC-FID Responsive Substance (single peak) (as 2-octanol), ppb	≤5	0.5

**Signature**

**Reviewed by:**

**Reviewed by:**

**Approved by:**

*[Handwritten Signature]*

*[Handwritten Signature: Debia]*

*[Handwritten Signature: David]*

Test	Specification	Result
Stabilizer (as pentene), ppm	100-200	140

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## Conclusion

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

## Signature

Reviewed by :

*Hin Lam*

Reviewed by:

*Debia*

Approved by:

*David*