

# Certificate of Analysis

## Compound Information

**Product Name:** N-Hexane  
**CAS No.:** 110-54-3  
**Cat. No.:** G8396532  
**Molecular Formula:** C<sub>6</sub>H<sub>14</sub>  
**Molecular Weight:** 86.18

## Batch Information

**Batch No.:** 0775563  
**Test Date:** 2025-10-27  
**Report Date:** 2025-10-28  
**Retest Date:** 2028-10-26  
**Storage:** Store in a cool,dry area.  
**Origin** China

## Test Item

Test	Specification	Result
Assay (GC), (as n-hexane) %	?95	99.97
Assay (GC), (as C6 hydrocarbons) %	?99.5	99.99
Color (APHA)	?10	5
GC-ECD Responsive Substance (single peak), (as heptachlor epoxide), ppt	?10	0.8
GC-FID Responsive Substance (single peak) (as 2-octanol), ppb	?5	0.1
Maximum Fluorescence Emission of Impurities, (as quinine sulfate), ppb	?1	Conforms to specification
Evaporation Residue, ppm	?1.005	0.1
Moisture (KF), %	?0.015	0.001
Review by: <b>Reviewed by:</b>		<b>Approved by:</b>
at 195 nm	?1.00	0.63
at 210 nm	?0.20	0.16
at 220 nm	?0.07	0.05

Test	Specification	Result
at 254 nm	?0.005	0.004
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*