

Certificate of Analysis

Compound Information

Product Name: N-Hexane
CAS No.: 110-54-3
Cat. No.: G8396532
Molecular Formula: C₆H₁₄
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: Absorbance, AU	Reviewed by:	Approved by:
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