

Certificate of Analysis

Compound Information

Product Name: N-Hexane
CAS No.: 110-54-3
Cat. No.: G8396532
Molecular Formula: C_6H_{14}
Molecular Weight: 86.18

Batch Information

Batch No.: 9779292
Test Date: 2024-04-09
Report Date: 2024-04-10
Retest Date: 2027-04-09
Storage: Store in a cool,dry area.
Origin: China

Test Item

Test	Specification	Result
Assay (GC), (as n-hexane) %	≥95	99.52
Assay (GC), (as C6 hydrocarbons) %	≥99.5	99.99
Color (APHA)	10	5
GC-ECD Responsive Substance (single peak), (as heptachlor epoxide), ppt	≤10	1.0
GC-FID Responsive Substance (single peak) (as 2-octanol), ppb	≤5	0.5
Maximum Fluorescence Emission of Impurities, (as quinine sulfate), ppb	≤1	Conforms to specification
Evaporation Residue, ppm	≤1	0.1
Moisture (KF), %	≤0.01	0.002
Refractive Index, AU		
at 195 nm	≤1.00	0.64
at 210 nm	≤0.20	0.15
at 220 nm	≤0.07	0.05

Reviewed by:

Reviewed by:

Approved by:

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Test	Specification	Result
at 254 nm	≤0.005	0.003
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