Certificate of Analysis

Compound Information

Product Name: N-Heptane
CAS No.: 142-82-5
Cat. No.: G4827254
Molecular Formula: C_7H_{16}
Molecular Weight: 100.2

Batch Information

Batch No.: 2355543
Test Date: 2025-04-15
Report Date: 2025-04-16
Retest Date: 2028-04-14
Storage: Store in a cool,dry area.
Origin China

Test Item

Test	Specification	Result
Assay (GC), (as n-heptane), %	?99.0	99.36
Assay (GC), (as heptane isomers and methylcyclohexane), %	?99.5	99.98
Color (APHA)	?10	5
Evaporation Residue, ppm	?1	0.3
Maximum Fluorescence Emission of Impurities (as quinine sulfate), ppb	?1	1
Optical Absorbance, AU		
at 197 nm	?1.00	0.64
at 210 nm	?0.40	0.20
at 225 nm	?0.10	0.04
at 254 nm	?0.01	0.002
at 280 nm	?0.01	0.001

Signature

Reviewed by : **Reviewed by:** **Approved by:**

Conclusion

The product has been tested and complies with the given specifications