

Certificate of Analysis

Compound Information

Product Name: N-Heptane
CAS No.: 142-82-5
Cat. No.: G4827254
Molecular Formula: C₇H₁₆
Molecular Weight: 100.2

Batch Information

Batch No.: 7720003
Test Date: 2024-06-20
Report Date: 2024-06-21
Retest Date: 2027-06-20
Storage: Store in a cool,dry area.
Origin China

Test Item

Test	Specification	Result	
Assay (GC), (as n-heptane), %	?99.0	99.43	
Assay (GC), (as heptane isomers and methylcyclohexane), %	?99.5	99.72	
Color (APHA)	?10	5	
Evaporation Residue, ppm	?3	0.3	
Moisture (KF), %	?0.02	0.002	
Sulfur-containing Compounds (as S), %	?0.005	Conforms to specification	
Thiophene	Passes test	Conforms to specification	
Water-soluble Titratable Acid, meq/g	?0.0003	0.00004	
Optical Absorbance, AU			
Signature at 197 nm	?1.00	0.86	
at 210 nm	?0.40	0.19	
Reviewed by: at 225 nm	?0.10	0.03	Approved by:
at 254 nm	?0.01	0.002	
at 280 nm	?0.01	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