

Certificate of Analysis

Product: n-Hexane
Item Number: HXHPLC
Grade: HPLC
Lot Number: 5001412/1.1
Manufacture Date: 01/18/2025
Expiration Date: 01/17/2030
Country of Origin: China

| Tested Property | Specification | Analysis |
|--------------------------------------|------------------|----------|
| Color APHA | Max 10 | 5 |
| Assay by GC-FID (as n-Hexane) | Min 95.0% | 99.7 |
| Assay by GC-FID (as C6 Hydrocarbons) | Min 99.5% | >99.99 |
| Residue after Evaporation | Max 2 ppm | <0.1 |
| Refractive Index at 20°C | 1.373 - 1.377 | 1.375 |
| Sulfur Compounds (as Sulfur) | Max 0.005% | <0.0001 |
| Thiophene | To Pass Test | Passes |
| Water (by KF coulometry) | Max 0.01% | 0.001 |
| Water Soluble Titrable Acid | Max 0.0003 meq/g | 0.0002 |
| Optical Absorbance | | |
| @ 195 nm | Max 1.00 AU | 0.12 |
| @ 210 nm | Max 0.20 AU | 0.04 |
| @ 220 nm | Max 0.08 AU | 0.01 |
| @ 254 nm | Max 0.01 AU | 0.002 |
| @ 280 nm | Max 0.005 AU | 0.001 |
| @ 400 nm | Max 0.005 AU | <0.001 |

[n-Hexane](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley

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