

## Certificate of Analysis

**Product:** n-Hexane  
**Item Number:** HXHPLC  
**Grade:** HPLC  
**Lot Number:** 5000228/1.2  
**Manufacture Date:** 01/13/2023  
**Expiration Date:** 12/27/2027  
**Country of Origin:** China

Tested Property	Specification	Analysis
Assay by GC-FID		
as n-Hexane	Min 95%	99.6%
as C6 Hydrocarbons	Min 99.5%	>99.99%
Color APHA	Max 10	<5
Residue after evaporation	Max 2ppm	<0.1
Refractive index at 20 °C	1.373 - 1.377	1.375
Sulfur compounds	Max 0.005%	<0.0001
Thiopene	Passes test	Pass
Water by KF coulometry	Max 0.01%	0.001%
Water soluble titrable acid	Max 0.0003 meq/g	0.00005
Optical Absorbance		
@ 195 nm	Max 1.00 AU	0.56
@ 210 nm	Max 0.20 AU	0.13
@ 220 nm	Max 0.08 AU	0.04
@ 254 nm	Max 0.01 AU	<0.001
@ 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

Phone: 512-668-9918, Fax: 512-886-4008,  
E-mail: [Customerservice@laballey.com](mailto:Customerservice@laballey.com),  
[www.laballey.com](http://www.laballey.com).

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

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Phone: 512-668-9918, Fax: 512-886-4008,  
E-mail: [Customerservice@laballey.com](mailto:Customerservice@laballey.com),  
[www.laballey.com](http://www.laballey.com).

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