

### Certificate of Analysis

**Product: n-Hexane**  
**Item Number: HXHPLC**  
**Grade: HPLC**  
**Lot Number: 5000063/1.1**  
**Manufacture Date: 06/29/2022**  
**Expiration Date: 06/28/2027**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
Color APHA	Max 10	<5
Assay (as total C6 isomers)	Min 99.5%	99.99
Assay (by GC-FID as n-Hexane)	Min 95.0%	99.66
Assay (5 isomers+hexanes+methylcyclopentane)	Min 98.5%	99.99
Description	Clear colorless liquid free of suspended matter	Pass
Identification by IR Spectroscopy	To pass the test	Pass
LC suitability	To pass the test	Pass
Residue after Evaporation	Max 10 ppm	0.1
Sulfur Compounds (as S)	Max 0.005%	<0.0001
Thiophene	To pass the test	Pass
Water soluble Titrable Acid	Max 0.0003meq/g	0.0001
UV Absorbance		
@195nm	Max 1.00 AU	0.12
@210nm	Max 0.30 AU	0.04
@220nm	Max 0.20 AU	0.01
@230nm	Max 0.10 AU	0.01
@240nm	Max 0.04 AU	0.010
@250nm	Max 0.02 AU	0.001
@280 - 400nm	Max 0.01 AU	0.001
Water	Max 0.02%	0.001

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