

Certificate of Analysis

Product: n-Hexane
Item Number: HXHPLC
Grade: HPLC
Lot Number: 5000228/1.1
Manufacture Date: 02/01/2022
Expiration Date: 01/31/2027
Country of Origin: China

Tested Property	Specification	Analysis
Assay by GC-FID		
as n-Hexane	Min 95%	99.7%
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	1.374
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	0.0001
Optical Absorbance		
@ 195 nm	Max 1.00 AU	0.28
@ 210 nm	Max 0.20 AU	0.07
@ 220 nm	Max 0.08 AU	0.02
@ 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

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