LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: n-Hexane
Item Number: HXHPLC
Grade: HPLC
Lot Number: 5001862/1.1
Manufacture Date: 03/13/2025
Expiration Date: 03/12/2030
Country of Origin: China

Tested Property	Specification	Analysis
Color APHA	Max 10	<5
Assay by GC-FID (as n-Hexane)	Min 95.0%	99.6
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	0.00007
Optical Absorbance		
@ 195 nm	Max 1.00 AU	0.41
@ 210 nm	Max 0.20 AU	0.09
@ 220 nm	Max 0.08 AU	0.03
@ 254 nm	Max 0.01 AU	0.002
@ 280 nm	Max 0.005 AU	<0.001
@ 400 nm	Max 0.005 AU	<0.001

Store in a cool, dry, and well-ventilated environment away from sources of ignition.
CAS RN: 110-54-3

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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 assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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