

Certificate Of Analysis

Distributed by:



4621 Technology Drive, Golden, CO 80403
ph: (303) 762-0800 fax: (303) 762-1240

Part #: H1048

Name: n-Heptane 99%
Catalog No: HA1708
Lot No: 21110297
Grade: Absolv
Manufactured Date: September 21, 2021
Retest Date: September 21, 2023
Country of Origin: USA

This is to certify that this lot was tested and found to comply with the specifications for the product. The following are the actual analytical results obtained.

<u>Test Name</u>	<u>Limits</u>	<u>Actual</u>
Assay (by GC-FID)		
(as n-Heptane)	Min 99.0 %	99.39 %
(Heptane isomers and methylcyclohexane)	Min 99.5 %	99.96 %
Color	Max 10 APHA	5 APHA
GC-ECD Responsive residue (single peak)		
(as Heptachlorepoxyde)	Max 10 ppt	< 1 ppt
Fluorescence at emission maximum for Impurities		
(as Quinine sulfate)	Max 1 ppb	< 1.0 ppb
Residue after Evaporation	Max 1 ppm	< 0.1 ppm
Water		
(by KF coulometry)	Max 0.02 %	0.003 %
Optical Absorbance at		
197 nm	Max 1.00 AU	0.59 AU
210 nm	Max 0.40 AU	0.18 AU
225 nm	Max 0.10 AU	0.04 AU
254 nm	Max 0.01 AU	0.001 AU
280 nm	Max 0.01 AU	< 0.001 AU

Ervin O' Bryan

Ervin O Bryan
Chemist

Tedia Company, Inc. certifies that this product was derived from synthetic raw materials and the manufacturing process excluded contamination with any animal products.

Form Number : FN-006
Revision Date: 06-01-2016

Page 1 of 1

20211115-145658-141



Clear focus. Consistent results. Complete confidence.