



CERTIFICATE OF ANALYSIS

Product Name n-Heptane 99%
Catalog # 391099HPR
Item # 101297
Batch # 220720-B030707
Date of Manufacture: 06/21/2022
Recommended Retest Date: 06/20/2027
Customer PO # P22774
Packaging Type Case Glass 4x4 L

TEST	MONO-GRAPH	SPECIFICATION	RESULT	UNITS
Appearance	Internal	Clear, Colorless Liquid	Pass	N/A
Assay (as C7 Isomers)	Internal	99.90% min.	99.99	%
Assay (as n-Heptane)	Internal	99.00% min.	99.58	%
Color (APHA)	Internal	10 max.	1	N/A
Residue after Evaporation	Internal	10 ppm max.	0	ppm
Specific Gravity @ 15.56oC	Internal	0.680 - 0.695	0.688	N/A
Sulfur Compounds (as S)	Internal	0.005% max.	0.000	%
Titration Acid	Internal	0.0003 meq/g max.	0.0001	meq/g
Water	Internal	0.05% max	0.01	%

Certification and Compliance Statements

This lot of n-Heptane complies with all of the abovementioned specifications. Certain test data have been supplied by third parties.

This product is not derived, nor does it come in contact with, any materials derived from bovine or other animal sources.

This product is for further commercial manufacturing, laboratory or research use, and may be used as a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.

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This document was electronically signed by Doug Fleischmann on 7/25/2022 11:28:49 AM to indicate Quality Assurance Approval and to release this batch.