

CERTIFICATE OF ANALYSIS

Product Name n-HEPTANE 99%
Grade HIGH PURITY
Catalog # 391099HPR
Lot # C19F19DRM000HP99
Date of Manufacture: 07/02/19
Recommended Retest Date: Five Years from Date of Manufacture
Date of Revision: 10/01/19

TEST	Specification	Result
Appearance	Clear, Colorless Liquid	Pass
Assay (as n-Heptane)	99.00% min.	99.40%
Assay (as C ₇ Isomers)	99.90% min.	99.98%
Color (APHA)	10 max.	1
Specific Gravity @ 15.56°C	0.680 - 0.695	0.688
Residue after Evaporation	10 ppm max.	0 ppm
Titration Acid	0.0003 meq/g max.	0.0001 meq/g
Sulfur Compounds (as S)	0.005% max.	0.000%
Water	0.05% max	0.01%

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 an excipient or 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.

Approved by: T. Boudreau, Quality Control Chemist Date of Approval: 10/01/19

