



PRODUCT SPECIFICATION SHEET
n-HEPTANE
GLASS PURIFIED, GLASS DISTILLED
MEETS HRGC/HPLC-TRACE GRADE MONOGRAPHS

Main Catalog No: 391099DIS Alt. Cat. No's: 39199HPLC

Available in the following sizes:

4x4 liter Amber Glass, 6x1 liter Amber Glass

GC Analysis of this product using an electron capture detector shows no peaks with a response greater than 10ppt as Heptachlor Epoxide.

PRODUCT SPECIFICATIONS	LIMITS	TYPICAL LOT ANALYSIS
GC-ECD	10 ppt max	<5 ppt
Fluorescent Background (as Quinine Sulfate)	1ppb max.	<1 ppb
Assay (GC) n-Heptane	99.0%	99.6%
Assay (GC) as total C7 Hydrocarbons	99.5% min	99.9%
UV Absorbance @ 197 nm	1.00 max	0.44
210 nm	0.40 max	0.10
225 nm	0.10 max	0.01
254 nm	0.01 max	0.005
280 nm	0.01 max	0.000
Residue After Evaporation	1 ppm max	<1 ppm
Appearance	Clear Colorless Liquid	Pass
Color (APHA)	10 max	<5
LC Suitability	To Pass Test	Pass
Identification (IR/GC)	To Conform	Pass
Water	0.02%	0.003 %

Form n-Heptane-Distilled, # 101, Rev. 2.6, 06/16, KAD

Purified, dried and distilled in glass – Suitable for: High Resolution Gas Chromatography, Mass Spectroscopy, Trace Organic Analysis, Critical and Routine HPLC. Meets all other ACS Specifications for General Use Reagent, Spectrophotometric Analysis and General Use HPLC.

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.