



**PRODUCT SPECIFICATION SHEET**  
**n-PENTANE**

GLASS PURIFIED, GLASS DISTILLED  
MEETS HRGC/HPLC-TRACE GRADE MONOGRAPHS

Main Catalog # : 364000DIS Alt. Cat. #'s: 36400HPLC 364000ACS

Available in the following sizes:

**4x4 liter Amber Glass, 6x1 liter Amber Glass**

Gas Chromatographic Analysis of this product using an electron capture detector shows no peaks with a response greater than 10 pg/ml as Heptachlor Epoxide.

PRODUCT SPECIFICATIONS	LIMITS	TYPICAL LOT ANALYSIS
GC-ECD	10 pg/ml max	<5 pg/ml
UV Absorbance @ 190 nm	1.000 max	0.287
200 nm	0.300 max	0.175
210 nm	0.200 max	0.0620
220 nm	0.060 max	0.020
250 nm	0.010 max	0.002
300 nm	0.010 max	0.0000
400 nm	0.01 max	0.0000
Assay by GC, min n-Pentane	99.0%	99.78%
Assay by GC, Pentanes	99.9%	99.99%
Color (APHA), max	10	<5
Fluorescence Background	1 ppb	<1 ppb
Appearance	Clear	Clear
Water, max	0.01%	0.002%
Residue after Evaporation, max	3 ppm	<1 ppm
Liquid Chromatography (ACS)	To pass Test(s)	
Absorbance (UV)		Pass
Gradient Elution		Pass
Gradient Analysis @ 254 nm		Pass
Identification (IR/GC)	To Conform	Pass
Filtered to 0.2 um max	Per Lot	Pass

Form: n-Pentane, Distilled, #101, rev.2.4, 06/16, KAD

**Purified, dried and distilled in glass-Suitable for:**

High Resolution Gas Chromatography, Mass Spectroscopy, Trace Organic Analysis, Pesticide Analysis, Critical HPLC, Routine HPLC Analysis. Meets All Applicable Specifications.

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.