

CERTIFICATE OF ANALYSIS
n-Pentane
Distilled Grade

Lot # C21C26CAS0000PEN
Date of Manufacture: May 12, 2021
Recommended Retest Date: Two Years from Date of Manufacture
Main Catalog #: 364000DIS

TEST	SPECIFICATIONS	RESULTS
GC-ECD Responsive residue (single peak) (as Heptachlorepoixide)	Max 10 pg/ml	< 1 pg/ml
Assay (by GC-FID) (as n-Pentane) (as C5 and C6 hydrocarbons)	Min 99.0 % Min 99.9 %	99.61 % > 99.99 %
Color	Max 10 APHA	5 APHA
Fluorescence Background	Max 1 ppb	< 1 ppb
Appearance Clear and colorless	Passes Test	Passes
Water (by KF coulometry)	Max 0.01 %	0.003 %
Residue after Evaporation	Max 3 ppm	0.3 ppm
LC Suitability Absorbance	Passes Test	Passes
Identification by Infrared Spectroscopy and Gas Chromatography	Passes Test	Passes
Optical Absorbance at 190 nm 200 nm 210 nm	Max 1.000 AU Max 0.300 AU Max 0.200 AU	0.487 AU 0.296 AU 0.104 AU

Approved



Amanda Fenstermacher
Quality Assurance Clerk

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TEST	SPECIFICATIONS	RESULTS
220 nm	Max 0.060 AU	0.044 AU
250 nm	Max 0.010 AU	0.007 AU
300 nm	Max 0.010 AU	0.002 AU
400 nm	Max 0.01 AU	< 0.001 AU
Comments: Filtered through a 0.2 µm filter	Passes Test	Pass

Form: n-Pentane, Distilled, #101, rev.2.6, 11/16, SDK

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.

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