

**CERTIFICATE OF ANALYSIS**  
**n-HEXANES, 95%**  
**Reagent ACS/ High Purity/ HPLC Grade**

Lot # C20K23CAS000HX95  
Date of Manufacture: December 16, 2020  
Recommended Retest Date: Three Years from Date of Manufacture  
Main Catalog #: 35995HPLC

TEST	SPECIFICATIONS	RESULTS
Assay (by GC-FID)		
(as n-Hexane)	Min 95 %	99.56 %
(Sum of 5 Isomers, Total Hexanes & Methylcyclopentane)	Min 98.5 %	99.99 %
(as C6 Hydrocarbons)	Min 99.5 %	99.96 %
Identification by		
IR Spectroscopy	Passes Test	Passes
Description		
Clear colorless liquid free of suspended matter	Passes Test	Passes
Color	Max 10 APHA	< 5 APHA
Residue after Evaporation	Max 10 ppm	< 0.2 ppm
Water		
(by KF coulometry)	Max 0.02 %	0.003 %
Water soluble titrable acid	Max 0.0003 meq/g	0.0001 meq/g
Sulfur compounds		
(as Sulfur)	Max 0.005 %	< 0.00015 %
Thiophene	Passes Test	Passes
LC Suitability	Passes Test	Passes
Optical Absorbance at		
195 nm	Max 1.00 AU	0.33 AU
210 nm	Max 0.30 AU	0.08 AU

Approved



Amanda Fenstermacher  
Quality Assurance Clerk

58 Vale Road, Brookfield, Connecticut, 06804, USA | P. 800.243.5360  
www.pharmco.com | www.greenfield.com



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TEST	SPECIFICATIONS	RESULTS
220 nm	Max 0.20 AU	0.03 AU
230 nm	Max 0.10 AU	0.01 AU
240 nm	Max 0.04 AU	0.004 AU
250 nm	Max 0.02 AU	0.002 AU
280-400 nm	Max 0.01 AU	0.004 AU

Form: n-Hexane 95%, HPLC, #401, Rev. 1.3, 06/16, KAD

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

A handwritten signature in black ink that reads 'Amanda Fenstermacher'.

Amanda Fenstermacher  
 Quality Assurance Clerk

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