



### CERTIFICATE OF ANALYSIS

Product Name	n-Pentane
Catalog #	364000DIS
Item #	101259
Batch #	220128-B002551
Date of Manufacture:	01/24/2022
Recommended Retest Date:	01/23/2025
Customer PO #	P21380
Packaging Type	Case Glass 4x4 L

TEST	MONO-GRAPH	SPECIFICATION	RESULT	UNITS
GC-ECD Responsive residue (as Heptachlorepoxide)	DIS	Max. 10 pg/ml	LT 1 pg/ml	N/A
Appearance	DIST	Clear colorless liquid	Pass	N/A
Assay (by GC-FID, as C5 and C6 hydrocarbons)	DIST	99.9% min.	99.99	%
Assay (by GC-FID, as n-Pentane)	DIST	99.0% min.	99.52	%
Color (APHA)	DIST	10 max.	LT 5	N/A
Fluorescence at emission max (as Quinine sulfate)	DIST	Max. 1 ppb	LT 1 ppb	N/A
Identification by IR Spectroscopy and Gas Chromatography	DIST	To Pass Test	Pass	N/A
LC Suitability	DIST	To Pass Test	Pass	N/A
Residue after Evaporation	DIST	Max. 3 ppm	0.4	ppm
UV Absorbance @190nm	DIST	Max. 1.000	0.342	AU
UV Absorbance @200nm	DIST	Max. 0.300	0.188	AU
UV Absorbance @210nm	DIST	Max. 0.200	0.056	AU
UV Absorbance @220nm	DIST	Max. 0.060	0.019	AU
UV Absorbance @250nm	DIST	Max. 0.010	0.001	AU
UV Absorbance @300nm	DIST	Max. 0.010	0.001	AU



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TEST	MONO-GRAPH	SPECIFICATION	RESULT	UNITS
UV-Absorbance @400nm	DIST	Max. 0.010	0.001	AU
Water (by KF coulometry)	DIS	Max 0.01%	0.0003	%

### Certification and Compliance Statements

This lot of n-Pentane, Distilled Grade complies with all abovementioned specifications. Certain test data has been supplied by third parties.

This product is for further commercial manufacturing, laboratory or research use. 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.

This product is not derived, nor does it come in contact with, any materials derived from bovine or other animal sources.

**This document was electronically signed by Doug Fleischmann on 4/19/2022 3:22:41 PM to indicate Quality Assurance Approval and to release this batch.**