

CERTIFICATE OF ANALYSIS

Catalog No: ASTM-P-127-01

Description: Group 4 - Distillation Standard

Lot: 222011096

Solvent: N/A

Hazards: Refer to SDS for complete safety information

Date Certified: Jan 13, 2022

Expiration: Jan 13, 2032

Sample Size: 0.25 L

Storage Condition: Ambient (>5 °C)

Certified Reference Material



Signal Word: Warning



Volume	Degrees C		Degrees F	
	Average	STDS	Average	STDS
IBP	161.5	2.30	322.7	4.14
5%	186.7	1.43	368.2	2.55
10%	200.2	0.80	392.3	1.42
20%	215.5	1.50	419.8	2.65
30%	229.3	1.21	444.6	2.15
40%	244.3	1.57	471.7	2.83
50%	260.6	1.02	501.0	1.80
60%	276.0	0.90	528.7	1.62
70%	293.4	0.91	560.2	1.61
80%	310.7	0.89	591.3	1.60
90%	329.0	1.04	624.3	1.91
95%	340.0	1.22	644.0	2.21
Final	350.7	0.40	663.4	0.76

Distillation values are determined by ASTM D86.

This Certified Reference Material was verified in accordance with ISO/IEC 17025

The Uncertainty associated with the certified concentration reported on this certificate is $\pm 2.46\%$. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix. Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: 

Larry Decker, Organic QC Manager