



V1401 KOPTEC, 1 Gallon
CERTIFICATE OF ANALYSIS
ETHYL ALCOHOL USP 140 PROOF
Lot # 288014 Manufactured October 2020

Recommended Retest date is three years from the date of manufacture

TEST	SPECIFICATION	UNIT	TEST RESULT
Assay-Ethyl Alcohol (%)	68.0-72.0	%	69.9
Specific Gravity @ 15.56 °C	0.8848 - 0.8948	N/A	0.8890
Water (%)	28.0- 32.0	%	30.1
Color	Passes USP Test for Color	N/A	Pass
Clarity	Passes USP Test for Clarity	N/A	Pass
Acidity	< 30	ppm	< 30
Alkalinity	Passes USP Test	N/A	Pass
Non Volatile Residue	≤ 2.5	mg/100 ml	< 2.5

Volatile Impurities

Acetaldehyde	≤ 10	ppm	2
Benzene	≤ 2	ppm	0.0
Methanol	≤ 200	ppm	0.0
Other Impurities	≤ 300	ppm	0.0

Ultraviolet Absorption

UV Absorbance Curve @235-340 nm run against Water	The Spectrum shows a steadily descending curve with no observable Peaks or shoulders	N/A	Pass
UV Absorbance @ 240 nm	≤ 0.40	A	<0.40
UV Absorbance @ 250-260 nm	≤ 0.30	A	<0.30
UV Absorbance @ 270-340 nm	≤ 0.10	A	<0.10

Reviewed By

Date October 2020

Karen Wend
Manager, Quality and Technical Services
COA Template revised 12/01/2015

BSE/TSE Statement: There are no materials of animal origin in the raw materials or in the process aides used to manufacture any DLI products.