SHOPBVV.COM

CERTIFICATE OF ANALYSIS

PRODUCT NAME: ETHYL ALCOHOL SDA-40B 200PF KSH

LOT: 00316HPEDGGS

MANUFACTURE DATE: 8-23-24

TEST PROCEDURE:	METHOD:	SPECIFICATIONS:	RESULTS:
APPEARANCE 72°F	10,040.160	CLEAR, COLORLESS, FREE OF FOREIGN MATTER	Pass
WATER % WEIGHT	10,040.021	< 0.10	0.03
COLOR PT-CO	10,040.090	< 10	<7
SPECIFIC GRAVITY 60/60°F	10,040.150	0.7934 - 0.7944	0.7941
ACIDITY % WEIGHT	10,040.060	< 0.005	0.0013
SOLVENT ASSAY % WEIGHT	10,040.120	ETHYL ALCOHOL 99.73 - 99.90	99.89
		T-BUTYL ALCOHOL 0.10 - 0.14	0.11
BITREX		CONFIRM 1/16 AVDP OUNCE	Added
		ETHANOL LOT	00316HPEDGGS

Please consult the SDS for further information.

BVV represents only that the Product shall meet the specifications herein. All transactions involving this product are subject to BVV standard terms and conditions. BVV makes no additional representations or warranties, express or implied, through this COA.

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Certificate of Analysis

[redacted]

Parameter	Specification	Result	Method
Ethyl Alcohol, % weight	NLT 99.2	99.97	USP<841>, Method II
Water, % by weight	Report	0.02	USP<921>, Method Ic
U.S. Proof @ 60°F	Report	199.98	USP<841>, Method II
Identification A: Specific Gravity @ 60°F	NMT 0.7962	0.7939	USP<841>, Method II
Identification B	Pass	Pass	USP<197F>, FTIR
Identification C Limit of Methanol, ppm	NMT 200	Pass	USP monograph Dehydrated Alcohol
Limit of Non-Volatile Residue	NMT 2.5mg	<2.5	USP monograph Dehydrated Alcohol
Organic Impurities			USP monograph Dehydrated Alcohol
Acetaldehyde, ppm	NMT 10	6	
Methanol, ppm	NMT 200	16	
Benzene, ppm	NMT 2	0	
Sum of All Others, ppm	NMT 300	0	
UV Absorption, 240 nm	NMT 0.40	0.02	USP<197U>
UV Absorption, 260 nm	NMT 0.30	0.00	USP<197U>
UV Absorption, 340 nm	NMT 0.10	0.00	USP<197U>
Curve: The Spectrum shows a steadily descending curve with no observable peaks or shoulders.			
Clarity of Solution	Same as water	Same as water	USP monograph Dehydrated Alcohol
Acidity; as Acetic Acid	Solution is pink (30uL/L)	Solution is pink (30uL/L)	USP monograph Dehydrated Alcohol
Color of Solution	Appearance of Water	Appearance of water	USP<630>

[redacted]

This product meets the specifications of the United States Pharmacopeia (USP) and is approved as Kosher Pareve.

Certified Kosher Pareve by:
The Kashruth Division of the Orthodox Union
11 Broadway, 14th Floor
New York, NY 10004
(212) 563-4000 www.oukosher.org

[redacted]

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