



19 Chapin Road - Building C, Pine Brook, NJ 07058
800.783.9424 | avantik-us.com

CERTIFICATE OF ANALYSIS

Product Name

Grade

Avantik Part #

Batch #

Date of Manufacture:

Recommended Retest Date:

Customer PO #

Packaging Type

Reagent Ethanol 200 Proof Anhydrous Grain Ethanol

Denatured with Methanol and Isopropanol

Specially Denatured Alcohol SDA 3A with Isopropyl Alcohol

ACS Grade

RS4029

231201-B072512

11/27/2023

11/27/2026

PO110858

Case Poly 4x1 Gal

TEST	MONO-GRAPH	SPECIFICATION	RESULT	UNITS
Ethanol	ACS	89.5 – 91.5%	90.46	%
Methanol	ACS	4.0 – 5.0%	4.54	%
SDA3A 200	ACS	94.0 – 96.0%	95.00	%
Isopropanol	ACS	4.5 – 5.5%	5.01	%
Water	ACS	0.10% max.	0.02	%
Residue After Evaporation	ACS	10ppm max.	LT 10 ppm	N/A
Appearance	Internal	Clear, Free of Suspended Matter	Pass	N/A
Specific Gravity	ACS	0.7902 - 0.7912 @ 20.0°C	0.7904	N/A
Color (Pt-Co)	Internal	10 Max.	LT 10	N/A
Odor	Internal	Characteristic	Pass	N/A
Titration Acid	ACS	0.0003 meq/g	LT 0.0003 meq/g	N/A
Titration Base	ACS	0.0002 meq/g	LT 0.0002 meq/g	N/A
Identification	ACS	To Pass Test	Pass	N/A
Substances Reducing KMnO4	ACS	To Pass Test	Pass	N/A
Solubility in Water	ACS	To Pass Test	Pass	N/A



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TEST	MONO- GRAPH	SPECIFICATION	RESULT	UNITS
Refractive Index	ACS	1.3580-1.3610 @ 25°C	1.3586	N/A

Certification and Compliance Statements

This lot of Reagent Alcohol 200 proof complies with the American Chemical Society monograph, all of the above mentioned specifications and the requirements of 27 CFR Part 20.

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

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 document was electronically signed by Alice Storm on 11/28/2023 8:06:37 AM to indicate Quality Assurance Approval and to release this batch.