



Certificate of Analysis

**REAGENT ALCOHOL / 200 PROOF (ANHYDROUS)
ACS GRADE
(ETHANOL DENATURED WITH METHANOL AND ISOPROPANOL)
Grain Derived Ethanol
LOT # K20B20234
Date of Manufacture: 02/25/2020
Recommended Retest Date: Three Years from Date of Manufacture
Main Catalog #: CP-T9085, Alt. Catalog #: CP-D9085P**

TEST	SPECIFICATION	RESULT
Assay (by GC) (v/v)	89.5 – 91.5% Ethanol 4.0 – 5.0% Methanol 4.5 – 5.5% IPA	90.64% 4.51% 4.85%
Assay: Methanol and Ethyl Alcohol (SDA 3A 200 proof) (v/v) Isopropyl Alcohol (2-Propanol) (v/v)	94.0 – 96.0% 4.0 – 6.0%	95.15% 4.85%
Water, max	0.2%	0.02%
Residue After Evaporation, max	10 ppm	<10 ppm
Appearance	Clear	Pass
Specific Gravity	0.7902-0.7912 @ 20 C	0.7904
Color (Pt-Co)	10 max	<10
Odor	Pass	Pass
Titration Acid	0.0003meq/g	<0.0003 meq/g
Titration Base	0.0002meq/g	<0.0002 meq/g
Retest Date	02/03/2023	
Identification	Pass	Pass
Substances Reducing KMnO ₄	Pass	Pass
Solubility in Water	Pass	Pass
Refractive Index @ 25°C	1.3580-1.3610	1.3585

Approved by: G.Lipic, QC Chemist 02/24/2020

This lot of Reagent Alcohol 200 Proof complies with the ACS monograph, all 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.

Disclaimer: For Industrial/Lab use only. Not intended as a Drug Substance, Medical Device or Disinfectant. Appropriate/legal use of this product is the responsibility of the user.

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