



CERTIFICATE OF ANALYSIS
REAGENT ALCOHOL / 200 PROOF (ANHYDROUS)
ACS GRADE
(ETHANOL DENATURED WITH METHANOL AND ISOPROPANOL)
Grain Derived Ethanol
LOT # K15I12234-00RE200-IF-01
QC # WO107686
Date of Manufacture: 09/15/15
Recommended Retest Date: Five Years from Date of Manufacture
Main Catalog #: CP-D9085P
Alt. Catalog #: 241000200, 241ACS200, 241LWR200

TEST	SPECIFICATION	RESULT
Assay (by GC) (v/v)	89.5 – 91.5% Ethanol 4.0 – 5.0% Methanol 4.5 – 5.5% IPA	90.49% Ethanol 4.52% Methanol 5.00 % IPA
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%	95.00% 5.00%
Water, max	0.2%	0.05%
Residue After Evaporation, max	10 ppm	<5 ppm
Appearance	Clear	Pass
Specific Gravity	0.7902-0.7912 @ 20 C	0.7904
Color (Pt-Co)	10 max	<5
Odor	Pass	Pass
Titration Acid	0.0003meq/g	0.0002 meq/g
Titration Base	0.0002meq/g	<0.0001 meq/g
Fluorescent Background	Pass	Pass
Identification	Pass	Pass
Substances Reducing KMnO ₄	Pass	Pass
Solubility in Water	Pass	Pass
Refractive Index @ 25°C	1.3580-1.3610	Pass

Form: Reagent Alcohol, 200, ACS/USP, #101, Rev. 4.6, 07/15, KD

Approved by: S. Lipstreu, QC Chemist

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. (Rev. # disclaimer only, rev 3.6 07/15 PD)

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