



CERTIFICATE OF ANALYSIS

CP-C9086

Product Name: Reagent Alcohol 200 Proof, ACS/HPLC, Denatured with 2-Propanol

Grade: ACS/HPLC Denatured with 2-Propanol

Lot#: 220902-B035100

Manufactured: 09/07/2022

Retest Date: 09/06/2025

Test	Monograph	Specification	Result	Units
Appearance	Internal	Clear, Free of Suspended Matter	Pass	N/A
Color (Pt-Co)	Internal	NMT 5	< 5	N/A
Odor	Internal	Characteristic	Pass	N/A
Ethanol	ACS	89.5 – 91.5%	90.37	%
Fluorescence Background	ACS	To Pass test	Pass	N/A
LC suitability	ACS	To Pass test	Pass	N/A
Residue After Evaporation	ACS	5ppm max.	< 5 ppm	N/A
Specific Gravity @ 25.0°C	ACS	0.785 – 0.795	0.787	N/A
Specific Gravity @ 20.0°C	ACS	0.7902 – 0.7912	0.7904	N/A
UV Absorbance -205nm	ACS	NMT 1.00	0.63	N/A
UV Absorbance -210nm	ACS	NMT 0.60	0.29	N/A
UV Absorbance -220nm	ACS	NMT 0.30	0.24	N/A
UV Absorbance -230nm	ACS	NMT 0.20	0.07	N/A
UV Absorbance -250nm	ACS	NMT 0.05	0.01	N/A
UV Absorbance -270nm	ACS	NMT 0.01	0.00	N/A
UV Absorbance -400nm	ACS	NMT 0.01	0.00	N/A
Identification	ACS	To Pass test	Pass	N/A
2-Propanol	ACS	4.5 – 5.5%	5.08	%
Methanol	ACS	4.0 – 5.0%	4.55	%
Substances Reducing KMnO ₄	ACS	To Pass test	Pass	N/A
Refractive Index @25.0°C	ACS	1.3580 – 1.3610	1.3586	N/A
SDA3A 200		94.0 – 96.0%	94.92	%
Solubility in Water	ACS	To Pass test		N/A
Titrateable Acid	ACS	0.0003 meq/g	<0.0003	N/A
Titrateable Base	ACS	0.0002 meq/g	< 0.0002	N/A
Water	ACS	0.10% max.	0.05	%

This is a copy of the original certificate of analysis.