



**ChemPure* Brand
Chemicals**

...Pure Quality

Certificate of Analysis

Product: ChemPure Reagent Alcohol

Catalog Number: CP-T9085

Lot Number: C20F1900CP

Date of Manufacture: 06/22/2020

Expiration Date: 06/21/2023

Grain Derived Pure 200 Proof Ethanol (Anhydrous)
Denatured with Methanol & Isopropyl

TEST		SPECIFICATION	RESULT
Assay (by GC):	Ethanol	89.5 -91.5%	90.42%
	Methanol	4.0-5.0%	4.57%
	Isopropanol	4.5-5.5%	5.01%
Assay:	SDA3A 200	94.0-96.0%	94.99%
	Isopropanol	4.0-6.0%	5.01%
Water		0.2% max.	0.02%
Residue After Evaporation		10ppm max.	<10ppm
Specific Gravity		0.7902 - 0.7912@ 20.0-c	0.7904
Color (Pt-Co)		10 Max.	<10
Appearance		Clear Liquid	Pass
Odor		Characteristic	Pass
Identification		To Pass Test	Pass
Titration Acid		0.0003 meq/g	<0.0003 meq/g
Titration Base		0.0002 meq/g	<0.0002 meq/g
Substances Reducing KMnO ₄		To Pass Test	Pass
Solubility in Water		To Pass Test	Pass
Refractive Index		1.3580-1.3610@ 25•c	1.3587

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