



## Certificate of Analysis

Ethanol, 200 Proof

CAS# 64-17-5/EC# 200-578-6

Meets USP Spec Monograph / FCC

Grain Derived Ethanol

Batch/lot: 11042024G

Manufacture date: 11/4/2024

Quality Parameter	Method	Limit	Result
Acidity; as Acetic Acid	USP	Max 30	pass
Acetaldehyde + Acetal; $\mu\text{L/L}$	USP	Max 10	8
Methanol; $\mu\text{L/L}$	USP	Max 200	0
Benzene; $\mu\text{L/L}$	USP	Max 1	0
Sum of All Other Impurities; $\mu\text{L/L}$	USP	Max 300	31
UV-Vis Absorbance at 240nm; Abs	USP <197U>	Max 0.4	0.03
UV-Vis Absorbance at 260nm; Abs	USP <197U>	Max 0.3	0
UV-Vis Absorbance at 340nm; Abs	USP <197U>	Max 0.1	0
Color of Solution	USP <630>	Colorless	Colorless
Clarity of Solution	USP	Clear	Clear
Non-Volatile Residue; mg/100mL	USP	Max 2.5	<2.5
Specific Gravity at 15.56C;	USP <841>	Max 0.7962	0.7939
Proof at 15.56C;	USP <841>	Report	199.98

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