

Certificate of Analysis

Ethanol, 200 Proof

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

Meets USP Spec Monograph / FCC

Grain Derived Ethanol

12032024G

Manufacture date:

Batch/lot:

12/3/2024

Quality Parameter	Method	Limit	Result
Acidity; as Acetic Acid	USP	Max 30	pass
Acetaldehyde + Acetal; μL/L	USP	Max 10	5
Methanol; μL/L	USP	Max 200	0
Benzene; μL/L	USP	Max 1	0
Sum of All Other Impurities; μL/L	USP	Max 300	29
UV-Vis Absorbance at 240nm; Abs	USP <197U>	Max 0.4	0.05
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 Redisue; 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	199.96

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