



Certificate of Analysis

Completely Denatured Alcohol (CDA 12A)

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

Not for human consumption, pharmaceutical use, or cleaning product manufacturing.

Batch **12032024G**

Lot: 12242024CDA12A

Manufacture date: 12/24/2024

Quality Parameter	Method	Limit	Result
Acidity; as Acetic Acid	USP	Max 30	pass
Acetaldehyde + Acetal; $\mu\text{L/L}$	USP	Max 10	5
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	29
Color of Solution	USP <630>	Colorless	Colorless
Clarity of Solution	USP	Clear	Clear
Specific Gravity at 15.56C;	USP <841>	Max 0.7962	0.7939
Proof of ETOH prior to blending @ 15.56C;	USP <841>	Report	199.96
n-Heptane (Denaturant)	Formula CDA 12A	5 gal to 100 gals of ETOH	4.76%

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