



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 **03282024GCDA12A**

Lot: 05102024CDA12A

Manufacture date: 05/10/2024

Quality Parameter	Method	Limit	Result
Acidity; $\mu\text{L/L}$	USP	Max 30	pass
Acetaldehyde + Acetal; $\mu\text{L/L}$	GC - USP 41	Max 10	7
Methanol; $\mu\text{L/L}$	GC - USP 41	Max 200	0
Benzene; $\mu\text{L/L}$	GC - USP 41	Max 1	0
Sum of All Other Impurities; $\mu\text{L/L}$	GC - USP 41	Max 300	21
Color of Solution	USP	Colorless	Colorless
Clarity of Solution	USP	Clear	Clear
Specific Gravity of ETOH at 15.56C;	USP	Max 0.7962	0.7939
Proof of ETOH prior to blending @ 15.56C;	USP	N/A	199.98
n-Heptane (Denaturant)	Formula CDA 12A	5 gal to 100 gals of ethanol	4.76%