



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 **11042024G**

Lot: 11112024CDA12A

Manufacture date: 11/11/2024

| 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 |
| 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 | 199.98 |
| n-Heptane (Denaturant) | Formula CDA 12A | 5 gal to 100 gals of ETOH | 4.76% |

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