

Certificate of Analysis

Date of Testing: 2024-01-30 11:36:58
Date of Next Testing: 2028-01-29 11:36:58
Product Name: **Diacetone alcohol**
CAS Number: 123-42-2
Specifications & Purity: $\geq 99.0\%$ (GC)
Lot #: A2425103
SKU #: **D103436**
Analysis: **315589**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|-------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer | 0-0.1 (%) | 0.03 % |
| Refractive index n ₂₀ /D | 1.421-1.426 | 1.42 |
| Purity(GC) | 99-100 (%) | 99.33 % |
| Density (20°C) | 0.936-0.941 | 0.94 |
| Acidity (CH ₃ COOH) | 0-0.01 (%) | 0.00 % |
| Appearance (D103436) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager