

## Certificate of Analysis

Date of Testing: 2023-11-09 10:10:30  
Date of Next Testing: 2027-11-08 10:10:30  
Product Name: **Diacetone alcohol**  
CAS Number: 123-42-2  
Specifications & Purity:  $\geq 99.0\%$ (GC)  
Lot #: K2307362  
SKU #: **D103436**  
**Analysis:** **288896**  
Storage Temperature: Room temperature

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.421-1.426           | 1.42                  |
| Density (20°C)                      | 0.936-0.941           | 0.94                  |
| Acidity (CH <sub>3</sub> COOH)      | 0-0.01 (%)            | 0.00 %                |
| Purity(GC)                          | 99-100 (%)            | 99.17 %               |
| Water by Karl Fischer               | 0-0.1 (%)             | 0.02 %                |
| Appearance (D103436)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



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