

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-08 13:32:40

Date of Next Testing: 2027-07-07 13:32:40

Product Name: **Diacetone alcohol**

CAS Number: 123-42-2

Specifications & Purity:  $\geq 99\%$ (GC)

Lot #: G23051331

SKU #: **D103436**

Version: **1**

Analysis #: **245755**

Storage Temperature: Room temperature

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer               | 0-0.1 (%)             | 0.02280 %             |
| Refractive index n <sub>20</sub> /D | 1.421-1.426           | 1.42360               |
| Purity(GC)                          | 99-100 (%)            | 99.45500 %            |
| Density (20°C)                      | 0.936-0.941           | 0.93800               |
| Acidity (CH <sub>3</sub> COOH)      | 0-0.01 (%)            | 0.00347 %             |
| Appearance (D103436)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



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