

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-17 15:29:46

Date of Next Testing: 2029-05-16 15:29:46

Product Name: **Diacetone alcohol**

CAS Number: 123-42-2

Specifications & Purity: CP, ≥98%

Lot #: E2515091

SKU #: **D103437**

Version: **3**

Analysis #: **515068**

Storage Temperature: Room temperature

| Parameter                               | Limit Values          | Result                |
|-----------------------------------------|-----------------------|-----------------------|
| Assay                                   | 98-100 (%)            | 99.89000 %            |
| Density (20°C)                          | 0.934-0.938           | 0.93500               |
| Refractive index n <sub>20</sub> /D     | 1.423-1.425           | 1.42360               |
| Acidity(as H <sup>+</sup> )/(mmol/100g) | 0-1.1                 | 0.00000               |
| Miscibility with water                  | pass                  | Pass                  |
| Infrared spectrum                       | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager