

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-27 18:20:43

Date of Next Testing: 2029-04-26 18:20:43

Product Name: **Diacetone alcohol**

CAS Number: 123-42-2

Specifications & Purity: CP, ≥98%

Lot #: D2518075

SKU #: **D103437**

Version: **3**

Analysis #: **504470**

Storage Temperature: Room temperature

| Parameter                               | Limit Values          | Result                |
|-----------------------------------------|-----------------------|-----------------------|
| Assay                                   | 98-100 (%)            | 99.50100 %            |
| Density (20°C)                          | 0.934-0.938           | 0.93401               |
| 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 |



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QA & QC Manager