

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-02 16:22:06

Date of Next Testing: 2027-02-01 16:22:06

Product Name: **Acetoin**

CAS Number: 513-86-0

Specifications & Purity:  $\geq 97\%$ , May exist as crystalline dimer

Lot #: L2208320

SKU #: **A109410**

Version: **2**

Analysis #: **136252**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                     | Limit Values                                          | Result                                                |
|---------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| Purity(GC)                                                    | 97-100 (%)                                            | 98.80300 %                                            |
| Density (25°C)                                                | 0.995-1.019                                           | 0.99500                                               |
| Appearance (A109410)                                          | White to Yellow Powder (Dimer) or<br>Liquid (Monomer) | White to Yellow Powder (Dimer) or<br>Liquid (Monomer) |
| Proton NMR spectrum(May be a Mixture of<br>Monomer and Dimer) | Conforms                                              | Conforms                                              |



John Su  
QA & QC Manager