

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-02 16:33:03
 Date of Next Testing: 2027-02-01 16:33:03
 Product Name: **Acetoin**
 CAS Number: 513-86-0
 Specifications & Purity: $\geq 97\%$, May exist as crystalline dimer
 Lot #: L2208354
 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 Liquid (Monomer)	White to Yellow Powder (Dimer) or Liquid (Monomer)
Proton NMR spectrum(May be a Mixture of Monomer and Dimer)	Conforms	Conforms



John Su
QA & QC Manager