

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-31 12:36:02  
Date of Next Testing: 2026-08-30 12:36:02  
Product Name: **2-Oxovaleric Acid**  
CAS Number: 1821-02-9  
Specifications & Purity: >95.0%(GC)  
Lot #: H2229290  
SKU #: **O159954**  
**Analysis: 119128**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.431-1.436	1.43
Purity(GC)	95-100 (%)	99.20%
Appearance (O159954)	Colorless to Very Faint Yellow to Pale Yellow to Very Faint Green-Yellow Liquid	Colorless to Very Faint Yellow to Pale Yellow to Very Faint Green-Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager