

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-18 09:30:41  
 Date of Next Testing: 2029-09-17 09:30:41  
 Product Name: **METHYL 2-KETO-L-GULONATE**  
 CAS Number: 3031-98-9  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: K2130438  
 SKU #: **M169410**  
 Version: **1**  
 Analysis #: **572324**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter            | Limit Values                                   | Result                                         |
|----------------------|------------------------------------------------|------------------------------------------------|
| Melting point        | 144-159 (°C)                                   | 144.00810 °C                                   |
| Purity(NMR)          | 95-100 (%)                                     | 95.00910 %                                     |
| Proton NMR spectrum  | Conforms to Structure                          | Conforms to Structure                          |
| Appearance (M169410) | white to off-white to Grey to Pale Brown Solid | white to off-white to Grey to Pale Brown Solid |



John Su  
 QA & QC Manager