

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

|                          |                                                          |
|--------------------------|----------------------------------------------------------|
| Date of Testing:         | 2025-12-15 13:17:08                                      |
| Date of Next Testing:    | 2029-12-14 13:17:08                                      |
| Product Name:            | 4-(Methoxycarbonyl)bicyclo[2.2.2]octan-1-carboxylic Acid |
| CAS Number:              | 18720-35-9                                               |
| Specifications & Purity: | ≥98%(GC)                                                 |
| Lot #:                   | B2219405                                                 |
| SKU #                    | M158597                                                  |
| Version                  | 0                                                        |
| Analysis #:              | 619652                                                   |

| Parameter            | Limit Values                | Result                      |
|----------------------|-----------------------------|-----------------------------|
| Melting point        | 172-182 (°C)                | 178.80000 °C                |
| Purity(HPLC)         | 98-100 (%)                  | 98.23000 %                  |
| Appearance (M158597) | White to light yellow solid | white to light yellow solid |
| Proton NMR spectrum  | Conforms to Structure       | Conforms to Structure       |



John Su  
QA & QC Manager