

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-08-02 14:40:26

Date of Next Testing: 2029-08-01 14:40:26

Product Name: **2-Methylcyclohexanone**

CAS Number: 583-60-8

Specifications & Purity:  $\geq 98\%$

Lot #: G2525392

SKU #: **M100791**

Version: **1**

Analysis #: **544309**

Storage Temperature: Room temperature

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                          | 98-100 (%)                       | 99.30400 %                       |
| (As)Arsenic                         | 0-3 (ppm)                        | 0.28500 ppm                      |
| Density (20°C)                      | 0.924-0.928                      | 0.92600                          |
| Lead(Pb)                            | 0-10 (ppm)                       | 0.23500 ppm                      |
| Cadmium(Cd)                         | 0-1 (ppm)                        | 0.02140 ppm                      |
| Mercury(Hg)                         | 0-1 (ppm)                        | 0.10600 ppm                      |
| Refractive index n <sub>20</sub> /D | 1.446-1.45                       | 1.44830                          |
| Appearance (M100791)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                 | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager