

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-19 16:36:53

Date of Next Testing: 2029-05-18 16:36:53

Product Name: **4-Methylcyclohexanone**

CAS Number: 589-92-4

Specifications & Purity:  $\geq 98\%$

Lot #: H2110207

SKU #: **M106719**

Version: **1**

Analysis #: **510691**

Storage Temperature: Room temperature

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Density (20°C)                      | 0.915-0.919                      | 0.91500                          |
| Acid Value                          | 0-1 (mgKOH/g)                    | 0.05000 mgKOH/g                  |
| Purity(GC)                          | 98-100 (%)                       | 98.30000 %                       |
| Refractive index n <sub>20</sub> /D | 1.442-1.448                      | 1.44500                          |
| Appearance (M106719)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                 | Conforms to structure            | Conforms to Structure            |



John Su  
QA & QC Manager