

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-21 18:53:50

Date of Next Testing: 2027-04-20 18:53:50

Product Name: **4-Methylcyclohexanone**

CAS Number: 589-92-4

Specifications & Purity: $\geq 98\%$

Lot #: D2318268

SKU #: **M106719**

Version: **1**

Analysis #: **216886**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Density (20°C)	0.915-0.919	0.91600
Acid Value	0-1 (mgKOH/g)	0.63000 mgKOH/g
Purity(GC)	98-100 (%)	98.21200 %
Refractive index n ₂₀ /D	1.442-1.448	1.44580
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