

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-10 21:23:33

Date of Next Testing: 2025-02-09 21:23:33

Product Name: **3-Chloro-2-butanone**

CAS Number: 4091-39-8

Specifications & Purity: $\geq 96\%$

Lot #: B2309145

SKU #: **C136316**Version: **0**Analysis #: **025337**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.42-1.423	1.42
Purity(GC)	96-100 (%)	98.80%
Density (20°C)	1.057-1.065	1.06
Appearance (C136316)	Colorless to Brownish-Yellow to dark brown Liquid	Colorless to Brownish-Yellow to dark brown Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager