

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-10 14:36:40

Date of Next Testing: 2027-06-09 14:36:40

Product Name: **4'-Chloroacetophenone**

CAS Number: 99-91-2

Specifications & Purity: $\geq 97\%$

Lot #: F2302759

SKU #: **C103870**

Version: **1**

Analysis #: **226157**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Density (20°C)	1.192-1.195	1.19
Purity(GC)	97-100 (%)	99.37 %
Refractive index n _{20/D}	1.553-1.556	1.56
Appearance (C103870)	colorless to yellow liquid or solid	colorless to yellow liquid or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager