

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-31 16:02:01

Date of Next Testing: 2026-08-30 16:02:01

Product Name: **Methyl chloroacetate**

CAS Number: 96-34-4

Specifications & Purity: AR, ≥99%

Lot #: H2229634

SKU #: **M104120**Version: **2**Analysis #: **130135**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.421-1.423	1.42210
Density (20°C)	1.235-1.238	1.23600
Free acids(as ClCH ₂ COOH)	0-0.1 (%)	0.05200 %
Novolative	0-0.005 (%)	0.00210 %
Assay	99-100 (%)	99.61600 %
Appearance (M104120)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager