

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-04 20:42:51  
Date of Next Testing: 2026-08-03 20:42:51  
Product Name: **Methyl chloroacetate**  
CAS Number: 96-34-4  
Specifications & Purity: CP, ≥98%  
Lot #: H2202331  
SKU #: **M104121**  
Version: **2**  
Analysis #: **121200**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay	99.5-100 (%)	99.58700%
Evaporation Residue	0-0.005 (%)	0.00389%
Density (20°C)	1.235-1.238	1.23700
Refractive index n <sub>20</sub> /D	1.421-1.423	1.42190
Boiling point	128-131 (°C)	130.00000 °C
Acidity(as H <sup>+</sup> )/ (mmol/100g)	0-0.05	0.02500
Appearance (M104121)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager