

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-04 17:23:32

Date of Next Testing: 2026-08-03 17:23:32

Product Name: **Methyl chloroacetate**

CAS Number: 96-34-4

Specifications & Purity: AR, ≥99%

Lot #: H2202330

SKU #: **M104120**

Version: **2**

Analysis #: **117606**

Storage Temperature: Room temperature

| Parameter                             | Limit Values          | Result                |
|---------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D   | 1.421-1.423           | 1.42190               |
| Density (20°C)                        | 1.235-1.238           | 1.23700               |
| Free acids(as ClCH <sub>2</sub> COOH) | 0-0.1 (%)             | 0.02500 %             |
| Novolative                            | 0-0.005 (%)           | 0.00352 %             |
| Assay                                 | 99-100 (%)            | 99.58700 %            |
| Appearance (M104120)                  | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                     | Conforms to Structure | Conforms to Structure |



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QA & QC Manager