

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-12 19:28:00

Date of Next Testing: 2026-08-11 19:28:00

Product Name: **4-Chloro-1,3-dioxolan-2-one**

CAS Number: 3967-54-2

Specifications & Purity: >95.0%(GC)

Lot #: H2211344

SKU #: **C154009**

**Analysis:** **100803**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values                                  | Result                                        |
|-------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Refractive index n <sub>20</sub> /D | 1.452-1.456                                   | 1.45                                          |
| Purity(GC)                          | 95-100 (%)                                    | 98.39 %                                       |
| Proton NMR spectrum                 | Conforms to Structure                         | Conforms to Structure                         |
| Appearance (C154009)                | Colorless to pale yellow to dark brown liquid | Colorless to pale yellow to dark brown liquid |

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

John Su  
QA & QC Manager