

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-10 16:19:21

Date of Next Testing: 2027-03-09 16:19:21

Product Name: **2,2'-Oxydiacetyl Chloride**

CAS Number: 21062-20-4

Specifications & Purity:  $\geq 97\%$ (GC)(T)

Lot #: C2302940

SKU #: **O159911**

Version: **0**

**Analysis #:** **202627**

Storage Temperature: Room temperature

| Parameter                          | Limit Values                    | Result                          |
|------------------------------------|---------------------------------|---------------------------------|
| Refractive index n <sub>20/D</sub> | 1.471-1.475                     | 1.47250                         |
| Purity(GC)                         | 97-100 (%)                      | 97.12000 %                      |
| Purity (Argentmetric Titration)    | 97-100 (%)                      | 98.91000 %                      |
| Appearance (O159911)               | colorless to dark yellow liquid | colorless to dark yellow liquid |
| Proton NMR spectrum                | Conforms to Structure           | Conforms to Structure           |



John Su  
QA & QC Manager