

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-03 17:00:15

Date of Next Testing: 2027-07-02 17:00:15

Product Name: **2,2-Dichloroacetophenone**

CAS Number: 2648-61-5

Specifications & Purity: >97.0%(GC)

Lot #: F2326056

SKU #: **D154366**

Analysis: **150260**

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC)                          | 97-100 (%)            | 97.17%                |
| Refractive index n <sub>20</sub> /D | 1.568-1.571           | 1.57                  |
| Proton NMR spectrum                 | Conforms to Structure | Conforms to Structure |

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

John Su  
QA & QC Manager