

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-13 18:01:44

Date of Next Testing: 2027-02-12 18:01:44

Product Name: **p-Toluenesulfonylacetone**

CAS Number: 5366-49-4

Specifications & Purity:  $\geq 98\%$

Lot #: B2308499

SKU #: **T103110**

Version: **0**

Analysis #: **168433**

Storage Temperature: Room temperature

| Parameter           | Limit Values          | Result                |
|---------------------|-----------------------|-----------------------|
| Purity              | 98-100 (%)            | 98.62500 %            |
| Melting point       | 52-55 (°C)            | 52.43000 °C           |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Infrared spectrum   | Conforms to Structure | Conforms to Structure |

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

John Su  
QA & QC Manager