

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-21 14:15:36

Date of Next Testing: 2029-08-20 14:15:36

Product Name: **4'-tert-Butyl-4-chlorobutyrophenone**

CAS Number: 43076-61-5

Specifications & Purity:  $\geq 98\%$

Lot #: K2113161

SKU #: **T102238**

Version: **0**

Analysis #: **557790**

Storage Temperature: Argon charged

| Parameter            | Limit Values            | Result                  |
|----------------------|-------------------------|-------------------------|
| Melting point        | 42-49 (°C)              | 42.03600 °C             |
| Assay                | 98-100 (%)              | 99.40 %                 |
| Appearance (T102238) | white to yellow crystal | white to yellow crystal |
| Infrared spectrum    | Conforms to Structure   | Conforms to Structure   |
| Proton NMR spectrum  | Conforms to Structure   | Conforms to Structure   |

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

John Su  
QA & QC Manager