

## Certificate of Analysis

Date of Testing: 2023-02-14 09:20:49

Date of Next Testing: 2027-02-13 09:20:49

Product Name: **4-Cyanobenzoyl Chloride**

CAS Number: 6068-72-0

Specifications & Purity: >98.0%(GC)

Lot #: B2303171

SKU #: **C153684**

**Analysis:** **142419**

Storage Temperature: Argon charged

| Parameter                       | Limit Values                               | Result                                     |
|---------------------------------|--------------------------------------------|--------------------------------------------|
| Purity (Argentmetric Titration) | 97.5-102.5 (%)                             | 99.60 %                                    |
| Melting point                   | 68-71 (°C)                                 | 68.46000 °C                                |
| Purity(GC)                      | 98-100 (%)                                 | 98.00 %                                    |
| Appearance (C153684)            | white to tan powder,crystals and/or chunks | white to tan powder,crystals and/or chunks |
| Infrared spectrum               | Conforms to Structure                      | Conforms to Structure                      |

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

John Su  
QA & QC Manager