

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-20 16:48:07

Date of Next Testing: 2024-09-09 16:48:07

Product Name: **1,3,5-Benzenetricarbonyl trichloride**

CAS Number: 4422-95-1

Specifications & Purity:  $\geq 98\%$

Lot #: I2214389

SKU # **B102689**

Version **0**

Analysis #: **125578**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                          | Limit Values                                     | Result                                           |
|------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Purity (Argentmetric Titration)                                                    | 97.5-102.5 (%)                                   | 99.45000 %                                       |
| Purity(GC)                                                                         | 98-100 (%)                                       | 99.80600 %                                       |
| Melting point                                                                      | 32-38 (°C)                                       | 32.17000 °C                                      |
| Appearance (B102689)                                                               | White to Pale Yellow or black<br>Solid or Liquid | White to Pale Yellow or black<br>Solid or Liquid |
| Solubility in CHCL <sub>3</sub> , Colorless to Yellow, Clear to Slightly Hazy, 10% | pass                                             | Pass                                             |
| Infrared spectrum                                                                  | Conforms to Structure                            | Conforms to Structure                            |



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QA & QC Manager