

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-03 08:46:11  
 Date of Next Testing: 2027-11-23 08:46:11  
 Product Name: **1,3,5-Benzenetricarbonyl trichloride**  
 CAS Number: 4422-95-1  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: K2527358  
 SKU #: **B102689**  
 Version: **0**  
 Analysis #: **609793**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                          | Limit Values                                     | Result                                           |
|------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Melting point                                                                      | 32-38 (°C)                                       | 35.81000 °C                                      |
| Purity (Argentmetric Titration)                                                    | 97.5-102.5 (%)                                   | 99.62000 %                                       |
| Purity(GC)                                                                         | 98-100 (%)                                       | 99.71200 %                                       |
| 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                            |



John Su  
QA & QC Manager