

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-07 15:03:40  
 Date of Next Testing: 2027-07-28 15:03:40  
 Product Name: **Isophthalaldehyde**  
 CAS Number: 626-19-7  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: H2504761  
 SKU #: **I106945**  
 Version: **1**  
 Analysis #: **488902**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values                                    | Result                                          |
|-------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Melting point                       | 88-92 (°C)                                      | 91.43000 °C                                     |
| Purity (Titration by Hydroxylamine) | 96.5-103.5 (%)                                  | 101.63500 %                                     |
| Purity(GC)                          | 98-100 (%)                                      | 98.87180 %                                      |
| Appearance (I106945)                | white to yellow powder, crystals, and/or chunks | white to yellow powder, crystals, and/or chunks |
| Solubility in MeOH                  | almost transparency                             | almost transparency                             |
| Proton NMR spectrum                 | Conforms to Structure                           | Conforms to Structure                           |



John Su  
QA & QC Manager