

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-15 09:40:29  
 Date of Next Testing: 2029-10-14 09:40:29  
 Product Name: **4-tert-Butylphthalonitrile**  
 CAS Number: 32703-80-3  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: L2123255  
 SKU #: **T162154**  
 Version: **0**  
 Analysis #: **586673**

| Parameter            | Limit Values                                     | Result                                           |
|----------------------|--------------------------------------------------|--------------------------------------------------|
| Purity(HPLC)         | 98-100 (%)                                       | 99.15000 %                                       |
| Melting point        | 58-62 (°C)                                       | 60.70000 °C                                      |
| Appearance (T162154) | white to off-white to pale yellow powder crystal | white to off-white to pale yellow powder crystal |
| Proton NMR spectrum  | Conforms to Structure                            | Conforms to Structure                            |



John Su  
QA & QC Manager