

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-04 09:41:50  
 Date of Next Testing: 2028-11-03 09:41:50  
 Product Name: **Tris(4-aminophenyl)amine(TAPA)**  
 CAS Number: 5981-09-9  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: J2430622  
 SKU #: **T121339**  
 Version: **1**  
 Analysis #: **423371**  
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter                | Limit Values                                            | Result                                                  |
|--------------------------|---------------------------------------------------------|---------------------------------------------------------|
| Purity( total nitrogen ) | 97-100 (%)                                              | 99.56600 %                                              |
| Purity(HPLC)             | 97-100 (%)                                              | 99.32400 %                                              |
| Appearance ( T121339)    | White to Gray to Brown to dark purple powder or crystal | White to Gray to Brown to dark purple powder or crystal |
| Proton NMR spectrum      | Conforms to Structure                                   | Conforms to Structure                                   |



John Su  
QA & QC Manager