

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-04 20:45:42  
Date of Next Testing: 2026-08-03 20:45:42  
Product Name: **Tetra-N-phenylbenzidine**  
CAS Number: 15546-43-7  
Specifications & Purity: 98%  
Lot #: H2202421  
SKU #: **T101328**  
Analysis: **101207**

| Parameter            | Limit Values                                 | Result                                       |
|----------------------|--|--|
| Melting point        | 230-236 (°C)                                 | 231.81000 °C                                 |
| Purity(HPLC)         | 98-100 (%)                                   | 98.33000 %                                   |
| Appearance (T101328) | White to brown powder,crystals and/or chunks | White to brown powder,crystals and/or chunks |
| Infrared spectrum    | Conforms to Structure                        | Conforms to Structure                        |
| Proton NMR spectrum  | Conforms to Structure                        | Conforms to Structure                        |



John Su  
QA & QC Manager