

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-19 18:42:49  
 Date of Next Testing: 2028-12-18 18:42:49  
 Product Name: **2,2'-Bis(trifluoromethyl)benzidine (TFMB)**  
 CAS Number: 341-58-2  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: L2417694  
 SKU #: **B119981**  
 Version: **0**  
 Analysis #: **443533**  
 Storage Temperature: Room temperature

| Parameter                    | Limit Values                       | Result                             |
|------------------------------|------------------------------------|------------------------------------|
| Purity(HPLC)                 | 98-100 (%)                         | 100.00000 %                        |
| Melting point                | 182-186 (°C)                       | 185.12000 °C                       |
| Purity(Nonaqueous Titration) | 98-100 (%)                         | 98.03000 %                         |
| Appearance (B119981)         | white to orange powder or crystals | white to orange powder or crystals |
| Proton NMR spectrum          | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager