

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-06-18 13:29:06

Date of Next Testing: 2029-06-17 13:29:06

Product Name: **2,2'-Bis(trifluoromethyl)benzidine (TFMB)**

CAS Number: 341-58-2

Specifications & Purity:  $\geq 98\%$

Lot #: F2511271

SKU #: **B119981**

Version **0**

Analysis #: **517294**

Storage Temperature: Room temperature

| Parameter                    | Limit Values                       | Result                             |
|------------------------------|------------------------------------|------------------------------------|
| Purity(HPLC)                 | 98-100 (%)                         | 98.90700 %                         |
| Melting point                | 182-186 (°C)                       | 184.11000 °C                       |
| Purity(Nonaqueous Titration) | 98-100 (%)                         | 99.53600 %                         |
| 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