

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-21 17:16:10

Date of Next Testing: 2026-02-20 17:16:10

Product Name: 4-(Trifluoromethyl)benzoic acid

CAS Number: 455-24-3

Specifications & Purity:  $\geq 98\%$

Lot #: D1810117

SKU #: T109781

Version: 1

Analysis #: 076257

Storage Temperature: Room temperature

| Parameter            | Limit Values              | Result                    |
|----------------------|---------------------------|---------------------------|
| Purity(GC)           | 98-100 (%)                | 99.38300 %                |
| Melting point        | 220-225 (°C)              | 223.86000 °C              |
| Appearance (T109781) | White to Off-White Powder | White to Off-White Powder |
| Proton NMR spectrum  | Conforms to structure     | Conforms to Structure     |



John Su  
QA & QC Manager