

Shanghai yuanye Bio-Technology Co., Ltd  
465 Changta Road, SongJiang District, Shanghai 201604, China

## Certificate of Analysis

Date of Testing: 2025-04-21 10:23:19  
Date of Next Testing: 2029-04-20 10:23:19  
Product Name: **4-Fluoro benzoic acid**  
CAS Number: 456-22-4  
Specifications & Purity: sublimed grade,  $\geq 99\%$   
Lot #: D2517230  
SKU #: **V33492**  
Version: **0**  
Analysis #: **501055**  
Storage Temperature: Room temperature

| Parameter           | Limit Values                       | Result                             |
|---------------------|------------------------------------|------------------------------------|
| Melting point       | 183-187 (°C)                       | 186.99000 °C                       |
| Purity(GC)          | 99-100 (%)                         | 99.01 %                            |
| Proton NMR spectrum | Conforms to Structure              | Conforms to Structure              |
| Appearance(V33492)  | White to yellow powder or crystals | White to yellow powder or crystals |

Quality Assurance : Xiaoyong Tan  
Quality Control : Yunfei Zou

