

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-29 13:14:20  
 Date of Next Testing: 2026-07-28 13:14:20  
 Product Name: **4-Fluorobenzylphosphonic acid**  
 CAS Number: 80395-14-8  
 Specifications & Purity:  $\geq 99\%$ (HPLC)  
 Lot #: G23261357  
 SKU #: **F474982**  
 Version: **1**  
 Analysis #: **248169**  
 Storage Temperature: Room temperature

| Parameter             | Limit Values                                                                                           | Result                                                                                                 |
|-----------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Purity(HPLC area)     | 99-100 (%)                                                                                             | 99.27300 %                                                                                             |
| Appearance(F474982)   | White to Light Yellow and Faint Beige to Light Beige and Faint Brown to Light Brown Powder or Crystals | White to Light Yellow and Faint Beige to Light Beige and Faint Brown to Light Brown Powder or Crystals |
| Fluorine NMR Spectrum | Conforms to Structure                                                                                  | Conforms to Structure                                                                                  |
| NMR Spectrum 1H       | Conforms to Structure                                                                                  | Conforms to Structure                                                                                  |



John Su  
QA & QC Manager