

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-20 15:30:19  
 Date of Next Testing: 2026-05-19 15:30:19  
 Product Name: **1-Bromo-4-(difluoromethyl)benzene**  
 CAS Number: 51776-71-7  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: E2316248  
 SKU #: **B184912**  
 Version: **1**  
 Analysis #: **205464**  
 Storage Temperature: Store at 2-8°C

| Parameter                | Limit Values                                                       | Result                                                             |
|--------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|
| Purity(GC)               | 98-100 (%)                                                         | 99.53200 %                                                         |
| Appearance(B184912)      | Colorless to Very Dark Yellow and Colorless to Brown-Yellow Liquid | Colorless to Very Dark Yellow and Colorless to Brown-Yellow Liquid |
| NMR Spectrum 1H          | Conforms to Structure                                              | Conforms to Structure                                              |
| GC-MS for identification | Conforms                                                           | Conforms                                                           |



John Su  
QA & QC Manager