

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-12 16:54:50  
Date of Next Testing: 2027-06-11 16:54:50  
Product Name: **4-Bromo-2-fluorophenol**  
CAS Number: 2105-94-4  
Specifications & Purity:  $\geq 98\%$ (GC)  
Lot #: F23061144  
SKU #: **B152993**  
Version: **0**  
Analysis #: **228823**  
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.565-1.569	1.56780
Purity(GC)	98-100 (%)	98.69400 %
Density (20°C)	1.759-1.765	1.76200
Appearance (B152993)	Colorless to Orange Liquid	Colorless to Orange Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager