

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-26 17:46:23  
 Date of Next Testing: 2028-11-25 17:46:23  
 Product Name: **3-Bromo-3,3-difluoropropene**  
 CAS Number: 420-90-6  
 Specifications & Purity:  $\geq 95\%$ (GC)  
 Lot #: K2411076  
 SKU #: **B151991**  
 Version: **0**  
 Analysis #: **440923**  
 Storage Temperature: Store at 2-8°C

| Parameter                          | Limit Values                     | Result                           |
|------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                         | 95-100 (%)                       | 96.12400 %                       |
| Density (20°C)                     | 1.542-1.557                      | 1.54700                          |
| Refractive index n <sub>20/D</sub> | 1.378-1.382                      | 1.37900                          |
| Appearance (B151991)               | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager