

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-13 11:42:19

Date of Next Testing: 2027-02-03 11:42:19

Product Name: **1,1-Dibromo-3,3,3-trifluoroacetone**

CAS Number: 431-67-4

Specifications & Purity:  $\geq 95\%$

Lot #: K1518160

SKU #: **D102789**

Version **0**

Analysis #: **470302**

| Parameter                           | Limit Values                 | Result                       |
|-------------------------------------|------------------------------|------------------------------|
| Purity(GC)                          | 95-100 (%)                   | 96.89 %                      |
| Refractive index n <sub>20</sub> /D | 1.429-1.432                  | 1.43                         |
| Appearance (D102789)                | light yellow to brown liquid | light yellow to brown liquid |
| Infrared spectrum                   | Conforms to Structure        | Conforms to Structure        |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager