

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-18 14:08:30

Date of Next Testing: 2025-05-17 14:08:30

Product Name: **Heptafluorobutyric acid**

CAS Number: 375-22-4

Specifications & Purity: for ion pair chromatography, ≥99.5%(GC)

Lot #: K2408498

SKU #: **H106256**

Version: **0**

Analysis #: **427955**

Storage Temperature: Room temperature, Argon charged

| Parameter                                       | Limit Values                     | Result                           |
|-------------------------------------------------|----------------------------------|----------------------------------|
| Density (20°C)                                  | 1.654-1.658                      | 1.65400                          |
| Total Metallic Impuritie                        | 0-200 (ppm)                      | 5.04290 ppm                      |
| Purity(GC)                                      | 99.5-100 (%)                     | 99.73000 %                       |
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%)                    | 99.99940 %                       |
| Appearance (H106256)                            | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Fluorine NMR Spectrum                           | Conforms to Structure            | Conforms to Structure            |
| GCMS                                            | Conforms to Structure            | Conforms to Structure            |
| Infrared spectrum                               | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager