

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-07 13:38:25  
 Date of Next Testing: 2030-01-06 13:38:25  
 Product Name: **Heptafluorobutyric acid(HFBA)**  
 CAS Number: 375-22-4  
 Specifications & Purity: for protein sequencing, ≥99%(GC)  
 Lot #: A2604626  
 SKU # **H106254**  
 Version **0**  
 Analysis #: **637735**  
 Storage Temperature: Protected from light,Room temperature,Argon charged,Cool

| Parameter                        | Limit Values          | Result                |
|----------------------------------|-----------------------|-----------------------|
| Purity(GC)                       | 99-100 (%)            | 99.60100%             |
| Density (20°C)                   | 1.654-1.658           | 1.65500               |
| Purity(Neutralization titration) | 98.5-101.5 (%)        | 99.99800%             |
| Appearance (H106254)             | Colorless liquid      | Colorless liquid      |
| Fluorine NMR Spectrum            | Conforms to Structure | Conforms to Structure |
| Infrared spectrum                | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager