

## Certificate of Analysis

Date of Testing: 2024-10-24 10:42:00

Date of Next Testing: 2025-04-22 10:42:00

Product Name: **Heptafluorobutyric acid**

CAS Number: 375-22-4

Specifications & Purity:  $\geq 98\%$

Lot #: J2412446

SKU #: **H106257**

Version: **0**

Analysis #: **426164**

Storage Temperature: Argon charged

| Parameter                        | Limit Values                     | Result                           |
|----------------------------------|----------------------------------|----------------------------------|
| Purity(Neutralization titration) | 98-100 (%)                       | 99.56 %                          |
| Purity(GC)                       | 98-100 (%)                       | 98.66 %                          |
| Density (20°C)                   | 1.654-1.658                      | 1.65                             |
| Appearance (H106257)             | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Fluorine NMR Spectrum            | Conforms to Structure            | Conforms to Structure            |
| Infrared spectrum                | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager