

## Certificate of Analysis

Date of Testing: 2022-02-18 16:01:01  
Date of Next Testing: 2026-02-17 16:01:01  
Product Name: **1H,1H-Heptafluorobutylamine**  
CAS Number: 374-99-2  
Specifications & Purity: >95.0%(T)  
Lot #: B2215592  
SKU #: **H157203**  
**Analysis:** **060643**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	94.5-105.5 (%)	98.97 %
Purity(GC)	95-100 (%)	99.52 %
Appearance (H157203)	Colorless to light brown liquid	Colorless to light brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager