

## Certificate of Analysis

Date of Testing: 2023-03-18 09:56:41  
Date of Next Testing: 2025-03-07 09:56:41  
Product Name: **5-Bromo-1,2,3-trifluorobenzene**  
CAS Number: 138526-69-9  
Specifications & Purity: 99%  
Lot #: C2313417  
SKU #: **B120672**  
Analysis: **080004**

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.91%
Refractive index n <sub>20</sub> /D	1.481-1.483	1.48
Density (20°C)	1.783-1.786	1.78
Purity(O <sub>2</sub> AgNO <sub>3</sub> titration with after combustion)	98.5-101.5 (%)	99.17%
Appearance (B120672)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager