

Certificate of Analysis

Date of Testing: 2023-02-16 21:25:18
Date of Next Testing: 2025-02-15 21:25:18
Product Name: **Holmium trifluoromethanesulfonate**
CAS Number: 139177-63-2
Specifications & Purity: $\geq 98\%$
Lot #: B2310614
SKU #: **H138203**
Analysis: **188908**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity	98-100 (%)	98.13 %
Appearance (H138203)	white to pink powder , crystals and/or chunks	white to pink powder , crystals and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager