

Certificate of Analysis

Date of Testing: 2022-10-09 14:42:49

Date of Next Testing: 2024-09-28 14:42:49

Product Name: **Chloroform-d**

CAS Number: 865-49-6

Specifications & Purity: (D,99.8%) +0.03% V/V TMS

Lot #: I2220554

SKU #: **C109594**

Analysis: **108320**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.89 %
Water by Karl Fischer	0-0.03 (%)	0.01 %
Proton NMR (Atom % D)	99.8-100 (%)	100.00 %
Mass Balance(V/V TMS)	0.026-0.04 (%)	0.04 %
Appearance (C109594)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager