

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-12 09:21:55
 Date of Next Testing: 2028-09-11 09:21:55
 Product Name: **1,4-Bis(trifluoromethyl)benzene**
 CAS Number: 433-19-2
 Specifications & Purity: $\geq 99\%$
 Lot #: I2404056
 SKU #: **B103083**
 Version: **2**
 Analysis #: **375607**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.25000 %
Refractive index n ₂₀ /D	1.378-1.38	1.37910
Density (20°C)	1.391-1.393	1.39200
Appearance (B103083)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Fluorine NMR Spectrum	Conforms to structure	Conforms to Structure
Mass spectrum	Confirmed	Confirmed



John Su
QA & QC Manager