

Certificate of Analysis

Date of Testing: 2025-01-15 14:07:42

Date of Next Testing: 2027-01-15 14:07:42

Product Name: **1-(2-Trifluoromethylphenyl)piperazine**

CAS Number: 63854-31-9

Specifications & Purity: $\geq 98\%$

Lot #: D23081563

SKU #: **T139130**

Version: **0**

Analysis #: **463370**

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

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.01 %
Refractive index n ₂₀ /D	1.497-1.501	1.50
Purity(Nonaqueous Titration)	97.5-102.5 (%)	100.82 %
Density (20°C)	1.225-1.229	1.23
Appearance (t139130)	Colorless to yellow liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager