

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-10 19:17:36
Date of Next Testing: 2027-05-09 19:17:36
Product Name: **1-(4-Trifluoromethylphenyl)piperazine**
CAS Number: 30459-17-7
Specifications & Purity: >98.0%(GC)(T)
Lot #: E2308078
SKU #: **T162689**
Analysis: **192153**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.15%
Purity (Titration by HClO ₄ ,0.1M)	97.5-102.5 (%)	98.30%
Melting point	87-92 (°C)	90.20000 °C
Appearance (T162689)	Colorless to White to light Yellow Solid	Colorless to White to light Yellow Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager