

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-25 15:48:41

Date of Next Testing: 2027-06-24 15:48:41

Product Name: **1-(2-Dimethylaminoethyl)-4-methylpiperazine**

CAS Number: 104-19-8

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: F2308736

SKU #: **D154306**

Version: **0**

Analysis #: **244565**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.463-1.466	1.46500
Purity(GC)	98-100 (%)	99.51900 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager