

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-15 02:22:32
 Date of Next Testing: 2025-01-14 02:22:32
 Product Name: **trans-2,5-Dimethylpiperazine**
 CAS Number: 2815-34-1
 Specifications & Purity: $\geq 98\%$ (GC)
 Lot #: E1715021
 SKU #: **T138605**
 Version: **1**
 Analysis #: **179096**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	116-120 (°C)	119.29000 °C
Purity(GC)	98-100 (%)	98.46810 %
Appearance (T138605)	White to Yellow to Brown Powder, Crystals or Solid	White to Yellow to Brown Powder, Crystals or Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su
QA & QC Manager