

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-13 14:23:23
Date of Next Testing: 2026-11-13 14:23:23
Product Name: **1-(o-Tolyl)piperazine**
CAS Number: 39512-51-1
Specifications & Purity: $\geq 97\%$
Lot #: B23081190
SKU #: **O138787**
Version: **0**
Analysis #: **435876**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.60%
Melting point	44-48 (°C)	47.20000 °C
Appearance (O138787)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager