

Certificate of Analysis

Date of Testing: 2024-02-26 14:03:25

Date of Next Testing: 2028-02-25 14:03:25

Product Name: (S)-(+)-2-Methylpiperazine

CAS Number: 74879-18-8

Specifications & Purity: 99%

Lot #: B2422052

SKU #: M120020

Analysis: 119494

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	88-92 (°C)	91.94000 °C
Purity(GC)	99-100 (%)	99.26 %
< 0.355 mm	99-100 (%)	99.30 %
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	6-8 (°)	7.18 °
Purity(Nonaqueous Titration)	98.5-101.5 (%)	99.61 %
Appearance (M120020)	White to Yellow Crystals to Powder and/or Chunks	White to Yellow Crystals to Powder and/or Chunks
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager