

Certificate of Analysis

Date of Testing: 2022-11-03 18:15:39
Date of Next Testing: 2026-11-02 18:15:39
Product Name: **DL-Pipecolic Acid**
CAS Number: 535-75-1
Specifications & Purity: 97%
Lot #: K2201725
SKU #: **P101393**
Analysis: 116432
Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.30%
Purity(GC)	98-100 (%)	98.88%
Melting point	277-282 (°C)	280.67000 °C
Appearance (P101393)	White to Beige Powder and/or Chunks	White to Beige Powder and/or Chunks
Solubility in H ₂ O , Colorless to Faint Yellow , Clear , 50 mg/ml H ₂ O	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager