

Certificate of Analysis

Date of Testing: 2024-12-05 11:30:43

Date of Next Testing: 2028-12-04 11:30:43

Product Name: **Pentylentetrazole**

CAS Number: 54-95-5

Specifications & Purity: $\geq 98\%$

Lot #: L2403400

SKU #: **P103065**

Version: **1**

Analysis #: **439471**

Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	39.2-41 (%)	40.62 %
Carbon by Elemental Analysis	50.6-52.6 (%)	52.03 %
Melting point	59-63 ($^{\circ}\text{C}$)	60.16000 $^{\circ}\text{C}$
Purity(GC)	98-100 (%)	98.98 %
Appearance (P103065)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow , Clear , 50 mg/ml H ₂ O	pass	Pass



John Su
QA & QC Manager