

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-05 10:38:46
 Date of Next Testing: 2029-06-04 10:38:46
 Product Name: **Pentylentetrazole**
 CAS Number: 54-95-5
 Specifications & Purity: $\geq 98\%$
 Lot #: E2528715
 SKU #: **P103065**
 Version: **1**
 Analysis #: **475047**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	50.6-52.6 (%)	52.47300 %
Melting point	59-63 ($^{\circ}\text{C}$)	60.43000 $^{\circ}\text{C}$
Purity(GC)	98-100 (%)	99.58800 %
Nitrogen by Elemental Analysis	39.2-41 (%)	41.00000 %
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