

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-07 17:27:36
 Date of Next Testing: 2027-07-06 17:27:36
 Product Name: **Pentylentetrazole**
 CAS Number: 54-95-5
 Specifications & Purity: $\geq 98\%$
 Lot #: G2305131
 SKU #: **P103065**
 Version: **1**
 Analysis #: **091482**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	39.2-41 (%)	40.89000 %
Carbon by Elemental Analysis	50.6-52.6 (%)	52.11000 %
Melting point	59-63 (°C)	62.20000 °C
Purity(GC)	98-100 (%)	98.72900 %
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
Appearance (P103065)	White to Off-White Powder or White to Off-White Powder or crystal	Crystals



John Su
QA & QC Manager