

Certificate of Analysis

Date of Testing: 2022-06-21 17:03:53

Date of Next Testing: 2026-06-20 17:03:53

Product Name: **Pentylene-tetrazole**

CAS Number: 54-95-5

Specifications & Purity: 98%

Lot #: F2218247

SKU #: **P103065**

Analysis: **091482**

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

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	39.2-41 (%)	40.89 %
Carbon by Elemental Analysis	50.6-52.6 (%)	52.11 %
Melting point	59-63 (°C)	62.20000 °C
Purity(GC)	98-100 (%)	98.73 %
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



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