

Certificate of Analysis

Date of Testing: 2024-08-23 17:39:14

Date of Next Testing: 2028-08-22 17:39:14

Product Name: **Diphenylcarbazine**

CAS Number: 140-22-7

Specifications & Purity: Analytical Reagent

Lot #: H2421186

SKU #: **D111667**

Version: **0**

Analysis #: **403788**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.1 (%)	0.00 %
Melting point	170-175 (°C)	173.79000 °C
Appearance (D111667)	Off-White to Dark Orange Powder	Off-White to Dark Orange Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Sensitivity to chromium	pass	Pass
Solubility in EtOH , clear, 50mg/ml	pass	Pass



John Su
QA & QC Manager