

Certificate of Analysis

Date of Testing: 2023-03-17 19:14:14

Date of Next Testing: 2027-03-16 19:14:14

Product Name: **Diphenylcarbazine**

CAS Number: 140-22-7

Specifications & Purity: Analytical Reagent

Lot #: C2307204

SKU #: **D111667**

Analysis: **200970**

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

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.1 (%)	0.04 %
Melting point	170-175 (°C)	172.11000 °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