

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-06-13 10:42:41

Date of Next Testing: 2030-06-12 10:42:41

Product Name: **Diphenylcarbazine**

CAS Number: 140-22-7

Specifications & Purity: >98.0%(HPLC)

Lot #: F2605103

SKU #: **S52557**

Version: **0**

Analysis #: **725381**

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

Parameter	Limit Values	Result
Melting point	170-176 (°C)	174.59000 °C
Purity(HPLC)	98-100 (%)	99.09500 %
Ignition Residue (as sulfate)	0-0.05 (%)	0.00 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in Acetone	almost transparency	almost transparency
Solubility in EtOH , Faint	pass	Pass
Yellow to Orange,Clear,20 mg/mL		
Suitability for chrome-analysis pass		Pass
Appearance(S52557)	White to Off-White to Beige to Light Purple to Pink to Dark Orange Powder or Chunks	White to Off-White to Beige to Light Purple to Pink to Dark Orange Powder or Chunks

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

