

Certificate of Analysis

Date of Testing: 2023-11-16 14:51:18

Date of Next Testing: 2026-11-15 14:51:18

Product Name: **Diphenylmethyl 7 β -Amino-3-cephem-4-carboxylate**

CAS Number: 36923-21-4

Specifications & Purity: 96%

Lot #: K2310346

SKU #: **D350273**

Analysis: **290816**

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

Parameter	Limit Values	Result
Purity(HPLC area)	96-100 (%)	96.47 %
Specific Rotation [α] _{20/D} (c=1 in CHCL ₃)	50-55 (°)	53.20 °
Melting point	161-171 (°C)	170.97000 °C
Appearance(D350273)	White to Orange to Green powder to crystal	White to Orange to Green powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager