

Certificate of Analysis

Date of Testing: 2025-05-26 13:04:08

Date of Next Testing: 2027-05-16 13:04:08

Product Name: **Colchicine**

CAS Number: 64-86-8

Specifications & Purity: Moligand™, for plant cell culture, ≥98%(HPLC)

Lot #: E2514210

SKU #: **C106740**

Version: **2**

Analysis #: **503068**

Storage Temperature: Protected from light,Argon charged,Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	62.8-67.5 (%)	64.71 %
Nitrogen by Elemental Analysis	3.2-3.8 (%)	3.35 %
Purity(HPLC)	98-100 (%)	99.80800 %
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	-250~-230 (°)	-233.12 °
Solvent Content Ethyl Acetate(by NMR)	0-8 (%)	3.62000 %
Appearance (C106740)	White to Yellow Powder	White to Yellow Powder
Solubility in EtOH , Yellow to yellow-green,clear to hazy,50mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Plant cell culture test	pass	Pass



John Su
QA & QC Manager