

## Certificate of Analysis

Date of Testing: 2024-11-14 19:18:34  
Date of Next Testing: 2026-11-04 19:18:34  
Product Name: **Colchicine**  
CAS Number: 64-86-8  
Specifications & Purity: Moligand™, for plant cell culture, ≥98%(HPLC)  
Lot #: K2413225  
SKU #: **C106740**  
Version: **2**  
Analysis #: **428094**  
Storage Temperature: Protected from light,Argon charged,Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	62.8-67.5 (%)	64.77 %
Nitrogen by Elemental Analysis	3.2-3.8 (%)	3.31 %
Purity(HPLC)	98-100 (%)	99.29000 %
Solvent Content Ethyl Acetate(by NMR)	0-8 (%)	6.85000 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in EtOH)	-240--230 (°)	-230.13 °
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