

## Certificate of Analysis

Date of Testing:	2024-11-15 09:23:22
Date of Next Testing:	2026-11-05 09:23:22
Product Name:	<b>Colchicine</b>
CAS Number:	64-86-8
Specifications & Purity:	Moligand™, for plant cell culture, ≥98%(HPLC)
Lot #:	K2413226
SKU #	<b>C106740</b>
Version	<b>2</b>
Analysis #:	<b>428094</b>
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