

Certificate of Analysis

Date of Testing: 2023-06-06 09:07:38
Date of Next Testing: 2025-05-26 09:07:38
Product Name: **Colchicine**
CAS Number: 64-86-8
Specifications & Purity: for plant cell culture, ≥98%(HPLC)
Lot #: H2130074
SKU #: **C106740**
Analysis: **235028**
Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	62.8-67.5 (%)	63.66%
Nitrogen by Elemental Analysis	3.2-3.8 (%)	3.50%
Ethyl acetate by GC	0-5 (%)	2.11%
Purity(HPLC)	98-100 (%)	98.16900%
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	-240--230 (°)	-235.30°
Appearance (C106740)	White to Yellow Powder	White to Yellow Powder
Plant cell culture test	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Yellow to yellow-green, clear to hazy, 50mg/ml	pass	Pass



John Su
QA & QC Manager