

Certificate of Analysis

Date of Testing: 2022-07-09 17:30:30
 Date of Next Testing: 2024-06-28 17:30:30
 Product Name: **Colchicine**
 CAS Number: 64-86-8
 Specifications & Purity: for plant cell culture, ≥98%(HPLC)
 Lot #: G2208349
 SKU #: **C106740**
Analysis: **082472**
 Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	62.8-67.5 (%)	64.32%
Purity(HPLC)	98-100 (%)	99.85300%
Ethyl acetate by GC	0-5 (%)	4.50%
Nitrogen by Elemental Analysis	3.2-3.8 (%)	3.26%
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	-240--230 (°)	-239.56°
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