

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-12 09:58:57
Date of Next Testing: 2027-12-02 09:58:57
Product Name: **Colchicine**
CAS Number: 64-86-8
Specifications & Purity: Moligand™, for plant cell culture, ≥98%(HPLC)
Lot #: L2503053
SKU #: **C106740**
Version: **2**
Analysis #: **503068**
Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Carbon by Elemental Analysis	62.8-67.5 (%)	64.70900 %
Nitrogen by Elemental Analysis	3.2-3.8 (%)	3.35300 %
Purity(HPLC)	98-100 (%)	99.80800 %
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	-250~-230 (°)	-233.12400 °
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