

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-17 18:51:54

Date of Next Testing: 2028-06-06 18:51:54

Product Name: **Colchicine**

CAS Number: 64-86-8

Specifications & Purity: Moligand™, for plant cell culture, ≥98%(HPLC)

Lot #: F2608208

SKU #: **C106740**

Version: **2**

Analysis #: **680829**

Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Carbon by Elemental Analysis	62.8-67.5 (%)	64.26200 %
Nitrogen by Elemental Analysis	3.2-3.8 (%)	3.29900 %
Purity(HPLC)	98-100 (%)	99.89300 %
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	-240--230 (°)	-230.60000 °
Solvent Content Ethyl Acetate(by NMR)	0-8 (%)	6.30000 %
Appearance (C106740)	White to Yellow Powder	White to Yellow Powder
Solubility in EtOH , Yellow to yellow-green, clear to hazy, 50mg/ml	pass	Pass
Plant cell culture test	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager