

Specification Sheet

Product Name: **Colchicine**
Specifications & Purity: for plant cell culture, $\geq 98\%$ (HPLC)
SKU # **C106740**

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