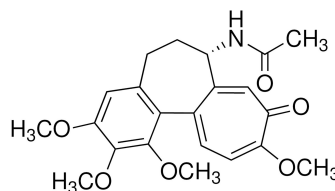


Certificate of Analysis

Product Name : Colchicine suitable for plant cell culture, BioReagent, ≥95% (HPLC)
Product Number : C3915-VAR
Batch Number : 0000452556
Source Batch : 0000410512
CAS Number : 64-86-8
MDL Number : MFCD00078484
Molecular Formula : C₂₂H₂₅NO₆
Formula Weight : 399.44 g/mol
Expiry Date : Feb 2031
Quality Release Date : 03 Feb 2025



Test	Specification	Result
Appearance (Color)	White to Yellow	Off White
Appearance (Form)	Powder	Powder
Solubility (Color)	Yellow to Yellow-Green	Light Yellow-Green
Solubility (Turbidity)	Clear to Slightly Hazy	Clear
50 mg/mL, EtOH		
Solvent Content (by NMR)	≤ 10 %	5 %
Ethyl Acetate		
¹ H NMR Spectrum	Conforms to Structure	Conforms
¹³ C NMR Spectrum	Conforms to Structure	Conforms
Purity (HPLC)	≥ 95 %	99 %
Performance	Pass	Pass
Test		

Jagodige Yasomanee, Supervisor

Quality Assurance

St. Louis, Dekalb

US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

Version Number: 01 Doc: 1221967

Page 1 of 1

