



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product	45830 - Colchicine for tissue culture, 98% - [64-86-8]
Batch No	5151151
Analysis Date	08-Jan-2022
Date of Manufacture	January 2022
Expiry Date/Re-Test Date	January 2027
Molecular Formula	C ₂₂ H ₂₅ NO ₆
Molecular Weight	399.45

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pale yellow	Pale yellow
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 2% aq. solution	Clear	Clear
Solubility (Colour) 2% aq. solution	Pale yellow	Pale yellow
Solubility (Turbidity) 10% solution in methanol	Clear	Clear
Solubility (Colour) 10% solution in methanol	Pale yellow	Pale yellow
Assay (UV)	min. 98%	98.6%
Loss on drying	max. 3%	1.4%
Sulphated Ash	max. 0.2%	0.1%
Melting Point	147 - 150°C	148°C
Absorbance (A) of 0.001% solution in Methanol in a 1cm cell		
@242nm	~0.73	0.71
@350nm	~0.44	0.43
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/45830 Rev No. 1 Date 03/09/2020

Prepared by PPatil

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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