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## Certificate of Analysis

**Product** 17701 - Colchicine extrapure, 98% - [64-86-8]  
**Batch No** 3542350  
**Analysis Date** 04-Apr-2024  
**Date of Manufacture** April 2024  
**Expiry Date/Re-Test Date** April 2029  
**Molecular Formula** C<sub>22</sub>H<sub>25</sub>NO<sub>6</sub>  
**Molecular Weight** 399.45

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to yellow	Pale yellow
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 2% aq. solution	Clear	Clear
Solubility (Colour) 2% aq. solution	Colourless to pale yellow	Pale yellow
Solubility (Turbidity) 10% solution in methanol	Clear	Clear
Solubility (Colour) 10% solution in methanol	Colourless to pale yellow	Pale yellow
Assay (UV)	min. 98%	99.5%
Loss on drying	max. 3%	1.5%
Sulphated Ash	max. 0.2%	0.1%
Melting Point	147 - 150°C	150°C
Absorbance (A) of 0.001% solution in Methanol in a 1cm cell		
@242nm	~0.73	0.716
@350nm	~0.44	0.438

FRM/82/11/4/17701 Rev No. 2 Date 07/07/2022

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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