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## Certificate of Analysis

|                                 |  |
|---------------------------------|--|
| <b>Product</b>                  | <b>17701 - Colchicine extrapure, 98% - [64-86-8]</b> |
| <b>Batch No</b>                 | <b>5748321</b>                                       |
| <b>Analysis Date</b>            | 26-Aug-2023  |
| <b>Date of Manufacture</b>      | August 2023  |
| <b>Expiry Date/Re-Test Date</b> | August 2028  |
| <b>Molecular Formula</b>        | C <sub>22</sub> H <sub>25</sub> NO <sub>6</sub>      |
| <b>Molecular Weight</b>         | 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%                  | 99.1%                |
| Loss on drying  | max. 3%                   | 1.7%                 |
| Sulphated Ash   | max. 0.2%                 | 0.08%                |
| Melting Point   | 147 - 150°C               | 150°C                |
| Absorbance (A) of 0.001% solution in Methanol in a 1cm cell |                           |                      |
| @242nm  | ~0.73                     | 0.767                |
| @350nm  | ~0.44                     | 0.436                |

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, Talaja – 410 208, Maharashtra, India

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