



# INDOFINE Chemical Company, Inc.

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## -CERTIFICATE OF ANALYSIS-

Product: Ancymidol  
Code No: BIO-033  
CAS No: 12771-68-5  
Formula: C<sub>15</sub> H<sub>16</sub> N<sub>2</sub> O<sub>2</sub>  
Batch No: 101503

### Physicochemical Specifications:

| TEST                     | SPECIFICATION                                      | RESULTS                   |
|--------------------------|----------------------------------------------------|---------------------------|
| Solubility               | Soluble in DMSO @ 10mg/mL                          | Passes                    |
| Physical Appearance      |                                                    |                           |
| Colour                   | RM-1 to RM-5, RM-31, or 2020-60 to 2026-60         | RM-1 Off-white            |
| Texture                  | Fine to Course Crystalline Powder; may have clumps | Course Crystalline powder |
| Solution Appearance      |                                                    |                           |
| Clarity                  | Clear                                              | Clear                     |
| Colour                   | Colourless                                         | Colourless                |
| Average time to dissolve | Within 5 minutes                                   | Passes                    |
| Insolubles               | None                                               | Passes                    |
| Purity                   | Minimum 98%                                        | 99.5%                     |

### Biological Testing:

| TEST SPECIFICATION                                                                                                              | PLANT CELL LINE | RESULTS |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------|---------|
| Supports and/or facilitates plant growth in two or more plant tissue cultured lines with no morphological aberrations to plants | Hosta           | Passes  |
|                                                                                                                                 | Tobacco Callus  | Passes  |