

## SYNCHEMIA RESEARCH CHEMICAL

- Plot No.408, Prakash Industries,1st Floor,Bhare Phata, Tal- Mulshi, Dist- Pune, Pune-412115, Maharashtra India.
- Mob.No 9404317505 / 7276018915 . Website : http://www.synchemia.com info@synchemia.com | sales@synchemia.com | export@synchemia.com

## **CERTIFICATE OF ANALYSIS**

| Product Name : Aripiprazole USP Related Compound B                                      |                                                   |      |  |
|-----------------------------------------------------------------------------------------|---------------------------------------------------|------|--|
| CAS NO : 889443-20-3                                                                    |                                                   |      |  |
| Batch No: SRC-119-AG-09                                                                 |                                                   |      |  |
| Date of Analysis : 28 Jan 2023                                                          |                                                   |      |  |
| Retest Date : 28 Jan 2025                                                               |                                                   |      |  |
| Structure:                                                                              | HO                                                |      |  |
| Chemical Name                                                                           | 3,4-Dihydro-7-(4-hydroxybutoxy)-2(1H)-quinolinone |      |  |
| Molecular Formula                                                                       | C <sub>13</sub> H <sub>17</sub> NO <sub>3</sub>   |      |  |
| Molecular Weight                                                                        | 235.3 g/mol                                       |      |  |
| Sr. No. Test                                                                            | Result                                            |      |  |
| 1) Description                                                                          | NA                                                |      |  |
| 2) Solubility                                                                           | Soluble In DMSO, Methanol                         |      |  |
| 3) Identification                                                                       |                                                   |      |  |
| 1. Mass                                                                                 | Confirm to structure                              |      |  |
| 2. 1H NMR                                                                               | Confirm to structure                              |      |  |
| 4) <b>Purity by HPLC</b>                                                                | Above 95%                                         |      |  |
| Long Term Storage condition                                                             | Store at 2 <sup>°</sup> to 8 <sup>°</sup> c       |      |  |
| Shipping Condition                                                                      | Ambient                                           |      |  |
| Note: This is only for Analytical testing purpose, not for Human or Animal Consumption. |                                                   |      |  |
|                                                                                         | Signature                                         | Date |  |
| Checked By                                                                              |                                                   |      |  |
| Approved By                                                                             | 1                                                 |      |  |
|                                                                                         |                                                   |      |  |

