## **CERTIFICATE OF ANALYSIS**

Date: 05-08-2025

| Product Name                   | Haloperidol Impurity 22                 |  |            |  |
|--------------------------------|---|--|------------|--|
| Chemical Name                  | 1-(4-Fluorophenyl)-4-hydroxybutan-1-one |  |            |  |
| Structure                      | ×                                       |  |            |  |
| Batch. No.                     | -                                       | CAS No.                                  | 73206-04-9 |  |
| Analysis Date                  | -                                       | Retest Date                              | 5          |  |
| Mol. Formula                   | $C_{10}H_{11}FO_2$                      | Molecular Wt.                            | 182.2      |  |
| Long term Storage Condition    |   | Store at 2-8 °C in well closed container |            |  |
| Handling and Transit Condition |   | 25-30 °C in well closed container        |            |  |

| Test  | Result                |  |  |  |
|---|-----------------------|--|--|--|
| Appearance  | -                     |  |  |  |
| Solubility  | -                     |  |  |  |
| 1H-NMR  | Conforms to structure |  |  |  |
| MASS  | Conforms to structure |  |  |  |
| Chromatographic Purity  | >90%                  |  |  |  |
| Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this |                       |  |  |  |

consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

|           | Prepared By | Checked By | Approved By |
|-----------|-------------|------------|-------------|
| Signature |             |            |             |
| Date      |             |            |             |