

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA015007-01)

Release Date: 23/05/2024

Re-test Date: 22/05/2027

## Aripiprazole PRS

### Identification

**Chemical Name :**

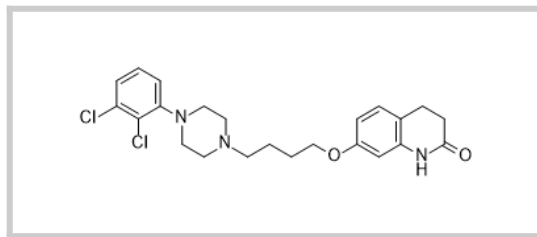
7-(4-(4-(2,3-Dichlorophenyl)piperazin-1-yl)butoxy)-3,4-dihydroquinolin-2(1H)-one

CAT No. : KMA015007

CAS No. : 129722-12-9

Molecular Formula : C<sub>23</sub>H<sub>27</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight : 448.4



### Analytical Information

Batch No. : ARI-PRS-073-228

Description : White solid

HPLC Purity : 99.33 %

Weight Loss By TGA : 0.01 %

% Potency : 99.32 %

Solubility : ACN : Methanol  
(1 : 1)

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

<sup>13</sup>C NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 0.01(Weight Loss By TGA)] x [99.33(HPLC Purity)]/100 = 99.32 %

Recommendation : Released

|                        | Department      | Name          | Signature | Date       |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By            | Analytical      | Jignesh Patel |           | 24/05/2024 |
| Reviewed & Approved By | Quality Control | Jatin Patel   |           | 24/05/2024 |

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and TGA