

CERTIFICATE OF ANALYSIS

(Certificate No. KMA015004-01)

Release Date: 23/05/2024

Re-test Date: 22/05/2027

Dehydro Aripiprazole (DHAPR)

Identification

Chemical Name :

7-(4-(4-(2,3-dichlorophenyl)piperazin-1-yl)butoxy)quinolin-2(1H)-one

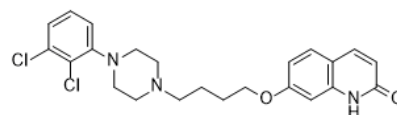
Alt. Name : Aripiprazole USP related compound
G ; Dehydro Aripiprazole Impurity

CAT No. : KMA015004

CAS No. : 129722-25-4

Molecular Formula : C₂₃H₂₅Cl₂N₃O₂

Molecular Weight : 446.37



Analytical Information

Batch No. : ARI-EPE-073-227

Description : Off White solid

HPLC Purity : 97.61 %

Weight Loss By TGA : 0.02 %

% Potency : 97.59 %

Solubility : ACN : Methanol
(1 : 1)

Mass : Confirm

IR : Confirm

¹H 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 - 0.02(Weight Loss By TGA)] x [97.61(HPLC Purity)]/100 = 97.59 %

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		26/06/2024

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA