CERTIFICATE OF ANALYSIS

(Certificate No. KMA015004-01)

Release Date: 23/05/2024 **Re-test Date:** 22/05/2027

Dehydro Aripiprazole (DHAPR)

Identification

CAS No.

Chemical Name:

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

Alt. Name : Aripiprazole USP related compound

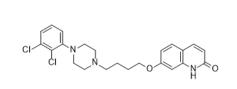
: 129722-25-4

G; Dehydro Aripiprazole Impurity

CAT No. : KMA015004

Molecular Formula : C23H25Cl2N3O2

Molecular Weight : 446.37



Analytical Information

(1:1)

HPLC Purity : 97.61 %

Weight Loss By TGA : 0.02 % IR : Confirm

% Potency : 97.59 % **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