CERTIFICATE OF ANALYSIS

(Certificate No. KMA015024-01)

Release Date: 22/09/2025 **Re-test Date:** 21/09/2028

Aripiprazole EP Impurity A

Identification

Chemical Name:

7-hydroxy-3,4-dihydroquinolin-2(1H)-one

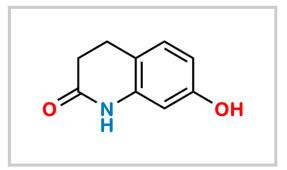
Alt. Name : Aripiprazole Dihydroquinolinone

Impurity

CAT No. : KMA015024 **CAS No.** : 22246-18-0

Molecular Formula : C9H9NO2

Molecular Weight : 163.2



Analytical Information

Batch No.: ARI-7HQ-030-282Solubility: AcetonitrileDescription: Off White SolidMass: ConfirmHPLC Purity: 99.84 %IR: Confirm

Weight Loss By TGA : 0.51 % 1H NMR : Confirm

% Potency : 99.33 %

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 - 0.51(Weight Loss By TGA)] x [99.84(HPLC Purity)]/100 = 99.33 %

-Re-tested on 22.09.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		09/10/2025

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