

CERTIFICATE OF ANALYSIS

(Certificate No. KMA015008-01)

Release Date: 11/09/2024

Re-test Date: 10/09/2027

Aripiprazole Impurity A

Identification

Chemical Name :

7-(4-Chlorobutoxy)-3,4-dihydro-2(1H)-quinolinone

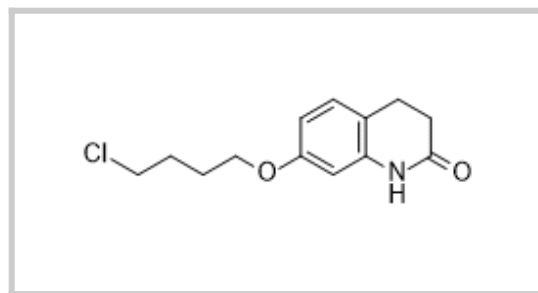
Alt. Name : Chlorobutoxyquinolinone

CAT No. : KMA015008

CAS No. : 120004-79-7

Molecular Formula : C₁₃H₁₆ClNO₂

Molecular Weight : 253.7



Analytical Information

Batch No. : BRX-DH-KSM-I-030-132

Solubility : Acetonitrile

Description : Off White solid

Mass : Confirm

HPLC Purity : 96.17 %

IR : Confirm

Weight Loss By TGA : 0.52 %

¹H NMR : Confirm

% Potency : 95.67 %

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 - 0.52(Weight Loss By TGA)] x [96.17(HPLC Purity)]/100 = 95.67 %

-Re-tested on 11.09.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		09/07/2025

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