

CERTIFICATE OF ANALYSIS

(Certificate No. KMA015006-01)

Release Date: 23/05/2024

Re-test Date: 22/05/2027

Aripiprazole EP Impurity B

Identification

Chemical Name :

1-(2,3-Dichlorophenyl)piperazine hydrochloride

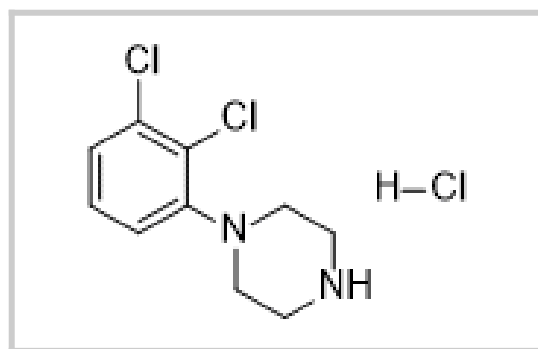
Alt. Name : Aripiprazole USP Related Compound C

CAT No. : KMA015006

CAS No. : 119532-26-2

Molecular Formula : C₁₀H₁₂Cl₂N₂ : HCl

Molecular Weight : 231.1 : 36.5



Analytical Information

Batch No. : ARI-EPB-073-230

Description : White solid

HPLC Purity : 99.06 %

Weight Loss By TGA : 0.03 %

% Potency : 99.03 %

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 - 0.03(Weight Loss By TGA)] x [99.06(HPLC Purity)]/100 = 99.03 %

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, ¹HNMR, IR and TGA