CERTIFICATE OF ANALYSIS

(Certificate No. KMA015009-01)

Release Date: 19/01/2024 **Re-test Date:** 18/01/2027

N-Nitroso Aripiprazole EP Impurity B

Identification

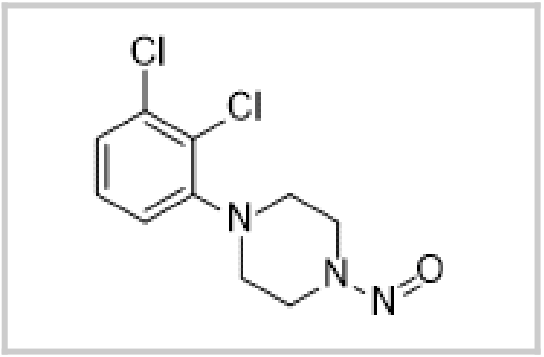
Chemical Name :
1-(2,3-Dichlorophenyl)-4-nitrosopiperazine

CAT No. : KMA015009

CAS No. : Not Available

Molecular Formula : C10H11Cl2N3O

Molecular Weight : 260.12



Analytical Information

Batch No.	: ARI-NO-IMP-1-073-026	**Solubility**	: ACN
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.94 %	**IR**	: Confirm
Weight Loss By TGA	: 0.15 %	**1H NMR**	: Confirm
% Potency	: 99.79 %	**13C 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 - 0.15(Weight Loss By TGA)] x [99.94(HPLC Purity)]/100 = 99.79 %
Remarks : COA Re-generated on 12.06.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		12/06/2024

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA