CERTIFICATE OF ANALYSIS

(Certificate No. KMH012038-01)

Release Date: 24/10/2024 **Re-test Date:** 23/10/2027

Haloperidol Nitroso Impurity 1

Identification

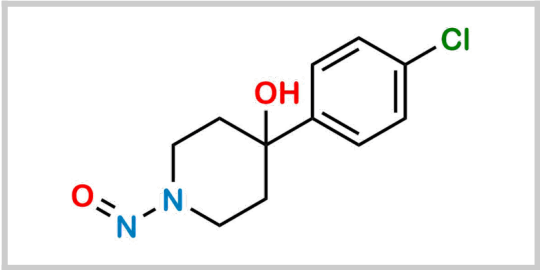
Chemical Name :
4-(4-Chlorophenyl)-1-nitrosopiperidin-4-ol ; N-Nitroso-4-(4-chlorophenyl)-4-hydroxypiperidine

CAT No. : KMH012038

CAS No. : 3192-36-7

Molecular Formula : C11H13ClN2O2

Molecular Weight : 240.7



Analytical Information

Batch No.	: MH012038-091-001	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.94 %	**IR**	: Confirm
Weight Loss By TGA	: 0.73 %	**1H NMR**	: Confirm
% Potency	: 99.21 %		

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 - 0.73(Weight Loss By TGA)] x [99.94(HPLC Purity)]/100 = 99.21 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		30/10/2024

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