

# 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 :**

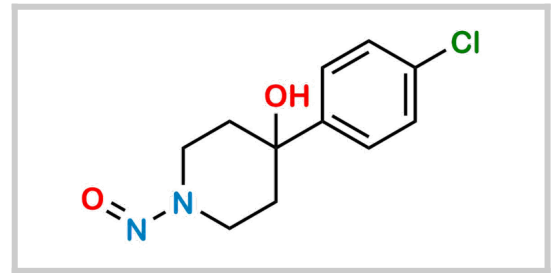
4-(4-Chlorophenyl)-1-nitrosopiperidin-4-ol ; N-Nitroso-4-(4-chlorophenyl)-4-hydroxypiperidine

CAT No. : KMH012038

CAS No. : 3192-36-7

Molecular Formula : C<sub>11</sub>H<sub>13</sub>ClN<sub>2</sub>O<sub>2</sub>

Molecular Weight : 240.7



### Analytical Information

Batch No. : MH012038-091-001

Description : Off White Solid

HPLC Purity : 99.94 %

Weight Loss By TGA : 0.73 %

% Potency : 99.21 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

<sup>1</sup>H 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 - 0.73(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, <sup>1</sup>H NMR, IR and TGA