

# CERTIFICATE OF ANALYSIS

(Certificate No. KMD012007-01)

Release Date: 18/11/2025

Re-test Date: 17/11/2028

## Doxazosin EP Impurity B

### Identification

**Chemical Name :**

N-(1,4-Benzodioxane-2-carbonyl)piperazine hydrochloride

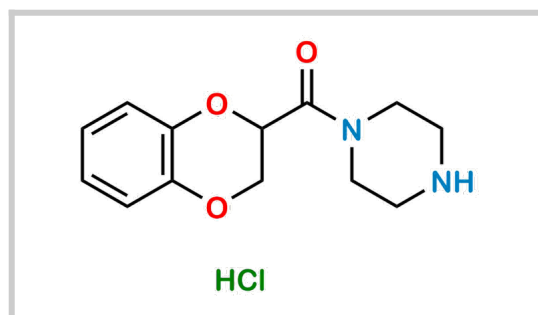
**Alt. Name** : Doxazosin USP Related Compound A

**CAT No.** : KMD012007

**CAS No.** : 70918-74-0

**Molecular Formula** : C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub> : HCl

**Molecular Weight** : 248.3 : 36.5



### Analytical Information

**Batch No.** : SP-VNPEL

**Description** : White solid

**HPLC Purity** : 99.91 %

**Weight Loss By TGA** : 0.75 %

**% Potency** : 99.16 %

**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 - 0.75(Weight Loss By TGA)] x [99.91(HPLC Purity)]/100 = 99.16 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		11/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		11/12/2025

**Attachments** : COA, HPLC, Mass, <sup>1</sup>H NMR, IR and TGA