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

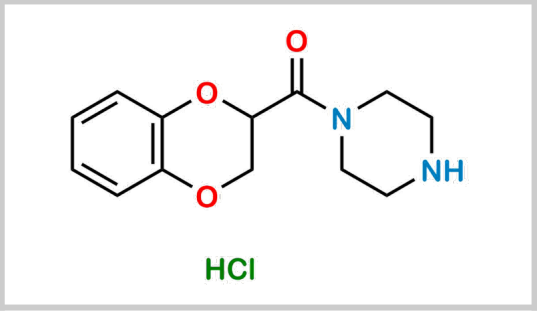
Alt. Name : Doxazosin USP Related Compound A

CAT No. : KMD012007

CAS No. : 70918-74-0

Molecular Formula : C13H16N2O3 : HCl

Molecular Weight : 248.3 : 36.5



Analytical Information

Batch No.	: SP-VNPEL	**Solubility**	: Acetonitrile
Description	: White solid	**Mass**	: Confirm
HPLC Purity	: 99.91 %	**IR**	: Confirm
Weight Loss By TGA	: 0.75 %	**1H NMR**	: Confirm
% Potency	: 99.16 %		

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, 1H NMR, IR and TGA