CERTIFICATE OF ANALYSIS

(Certificate No. KMB037007-01)

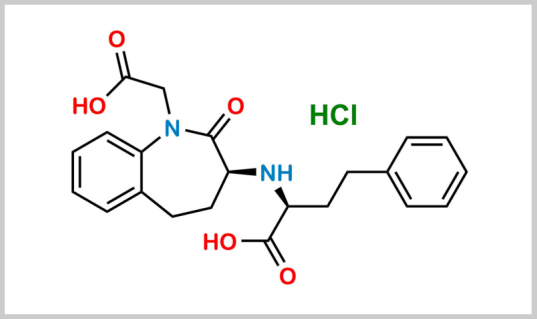
Release Date: 05/12/2024 **Re-test Date:** 04/12/2027

Benazepril Related Compound C

Identification

Chemical Name :
(S)-2-{[(S)-1-(Carboxymethyl)-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl]amino}-4-phenylbutanoic acid hydrochloride

Alt. Name	: Benazepril USP Related Compound C
CAT No.	: KMB037007
CAS No.	: 86541-78-8 (free base) ; 1347874-67-2 (HCl salt)
Molecular Formula	: C22H24N2O5 : HCl
Molecular Weight	: 396.4 : 36.5



Analytical Information

Batch No.	: B037007-091-065
Description	: Off White Solid
HPLC Purity	: 99.09 %
Weight Loss By TGA	: 0.25 %
% Potency	: 98.84 %
Solubility	: Water : Methanol (1:1)
Mass	: Confirm
IR	: Confirm
1H 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 - 0.25(Weight Loss By TGA)] x [99.09(HPLC Purity)]/100 = 98.84 %

Recommendation : Released

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

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