CERTIFICATE OF ANALYSIS

(Certificate No. KMG003009-01)

Release Date: 28/09/2026 **Re-test Date:** 27/09/2029

Glimepiride Related Compound C

Identification

Chemical Name :
1-[[p-[2-(3-Ethyl-4-methyl-2-oxo-3-pyrroline-1-carboxamido) ethyl]phenyl]sulfonyl]-methoxy carbamate

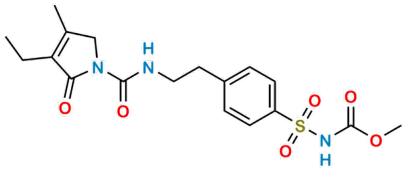
Alt. Name : Glimepiride BP Impurity C ;Glimepiride USP Related Compound C ; Glimepiride Ester ; Glimepiride urethane ; Glimepiride Carbamate

CAT No. : KMG003009

CAS No. : 119018-30-3

Molecular Formula : C18H23N3O6S

Molecular Weight : 409.5



Analytical Information

Batch No.	: G003009-136-230	**Solubility**	: Acetonitrile
Description	: White Soild	**Mass**	: Confirm
HPLC Purity	: 94.82 %	**IR**	: Confirm
Weight Loss By TGA	: 1.58 %	**1H NMR**	: Confirm
% Potency	: 93.32 %		

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 - 1.58(Weight Loss By TGA)] x [94.82(HPLC Purity)]/100 = 93.32 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/09/2026
Reviewed & Approved By	Quality Control	Jatin Patel		28/09/2026

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