CERTIFICATE OF ANALYSIS

(Certificate No. KMG042011-01)

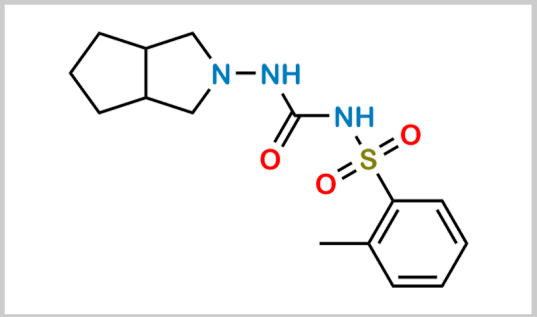
Release Date: 17/08/2026 **Re-test Date:** 16/08/2029

GLICLAZIDE IMPURITY F

Identification

Chemical Name :
1-(Hexahydrocyclopenta[c]pyrrol-2(1H)-yl)-3-[(2-methylphenyl)sulfonyl]urea

Alt. Name	: Gliclazide BP Impurity F ; Gliclazide ortho-Analog
CAT No.	: KMG042011
CAS No.	: 1076198-18-9
Molecular Formula	: C15H21N3O3S
Molecular Weight	: 323.4



Analytical Information

Batch No.	: G042011-136-144	**Solubility**	: ACN : Water (1:1)
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.66 %	**IR**	: Confirm
Weight Loss By TGA	: 0.18 %	**1H NMR**	: Confirm
% Potency	: 99.48 %		

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 - 0.18(Weight Loss By TGA)] x [99.66(HPLC Purity)]/100 = 99.48 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/08/2026
Reviewed & Approved By	Quality Control	Jatin Patel		17/08/2026

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