CERTIFICATE OF ANALYSIS

(Certificate No. KMG042007-01)

Release Date: 08/08/2026 **Re-test Date:** 07/08/2029

GLICLAZIDE IMPURITY B

Identification

Chemical Name :
2-Nitroso-octahydrocyclopenta[c]pyrrole

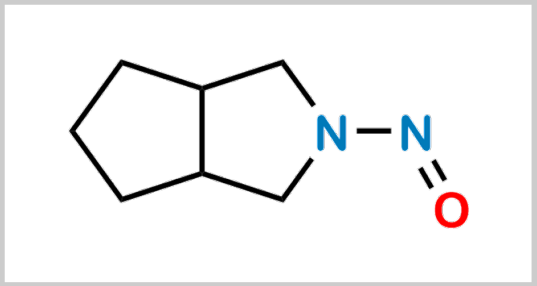
Alt. Name : Gliclazide BP Impurity B

CAT No. : KMG042007

CAS No. : 54786-86-6

Molecular Formula : C7H12N2O

Molecular Weight : 140.2



Analytical Information

Batch No. : G042007-136-128

Description : Yellow Liquid

HPLC Purity : 99.64 %

Weight Loss By TGA : 1.38 %

% Potency : 98.26 %

Solubility : Acetonitrile

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 - 1.38(Weight Loss By TGA)] x [99.64(HPLC Purity)]/100 = 98.26 %

Recommendation : Released

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

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