CERTIFICATE OF ANALYSIS

(Certificate No. KMM091007-01)

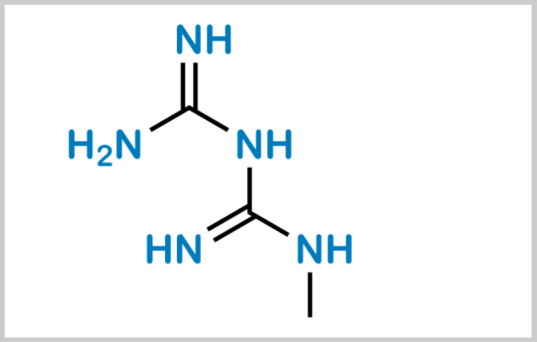
Release Date: 05/12/2024 **Re-test Date:** 04/12/2027

Metformin Impurity E

Identification

Chemical Name :
1-Methyl Biguanide

Alt. Name	: Metformin USP Related Compound B ; N-Desmethyl Metformin
CAT No.	: KMM091007
CAS No.	: 1609-00-3
Molecular Formula	: C3H9N5
Molecular Weight	: 115.1



Analytical Information

Batch No.	: M091007-091-066	**Solubility**	: Water
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 97.90 %	**IR**	: Confirm
Weight Loss By TGA	: 0.01 %	**1H NMR**	: Confirm
% Potency	: 97.89 %	**13C 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 - 0.01(Weight Loss By TGA)] x [97.90(HPLC Purity)]/100 = 97.89 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		05/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		05/12/2024

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA