CERTIFICATE OF ANALYSIS

(Certificate No. KMM091010-01)

Release Date: 12/08/2026 **Re-test Date:** 11/08/2029

Metformin HCl

Identification

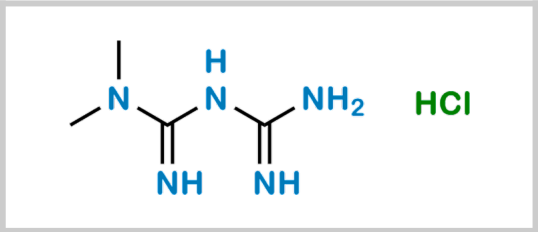
Chemical Name :
1,1-Dimethylbiguanide hydrochloride

CAT No. : KMM091010

CAS No. : 1115-70-4

Molecular Formula : C4H11N5 : HCl

Molecular Weight : 129.2 : 36.5



Analytical Information

Batch No.	: M091010-136-135	**Solubility**	: ACN : Water (1:1)
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.97 %	**IR**	: Confirm
Weight Loss By TGA	: 0.17 %	**1H NMR**	: Confirm
% Potency	: 99.8 %	**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 - 0.17(Weight Loss By TGA)] x [99.97(HPLC Purity)]/100 = 99.8 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/08/2026
Reviewed & Approved By	Quality Control	Jatin Patel		12/08/2026

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