CERTIFICATE OF ANALYSIS

(Certificate No. KMS010001-04)

Release Date: 21/02/2026 **Re-test Date:** 20/02/2029

N-Nitroso Sitagliptin Amine

Identification

Chemical Name :
7-nitroso-3-(trifluoromethyl)-5,6,7,8-tetrahydro-[1,2,4]triazolo[4,3-a]pyrazine

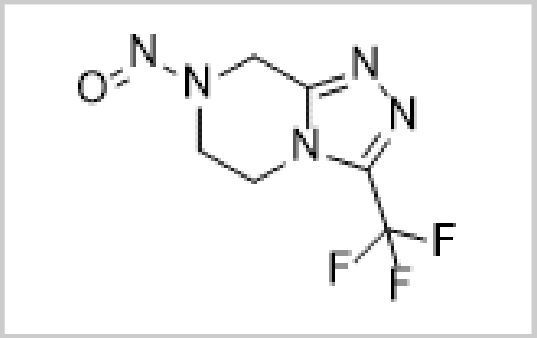
Alt. Name : Sitagliptin KSM Nitroso

CAT No. : KMS010001

CAS No. : 2892260-32-9

Molecular Formula : C6H6F3N5O

Molecular Weight : 221.14



Analytical Information

Batch No.	: S010001-114-176	**Solubility**	: ACN
Description	: Light Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 99.58 %	**IR**	: Confirm
Weight Loss By TGA	: 0.07 %	**1H NMR**	: Confirm
% Potency	: 99.51 %		

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 - 0.07(Weight Loss By TGA)] x [99.58(HPLC Purity)]/100 = 99.51 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/02/2026
Reviewed & Approved By	Quality Control	Jatin Patel		21/02/2026

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