











## **CERTIFICATE OF ANALYSIS**

**Date:** 19-06-2025

[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)-4-(2,4,5-trifluorophenyl)butan-1-one	<b>Product Name</b>	Sitagliptin Impurity	Sitagliptin Impurity 40				
Batch. No CAS No. 1459759-18-2	Chemical Name		(R)-3-(((S)-2-Hydroxy-1-phenylethyl)amino)-1-(3-(trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)-4-(2,4,5-trifluorophenyl)butan-1-one				
	Structure						
		HO HO F	HO F				
Analysis Date - Retest Date 5	Batch. No.	-	CAS No.	1459759-18-2			
J	<b>Analysis Date</b>	-	Retest Date	5			
<b>Mol. Formula</b> $C_{24}H_{23}F_6N_5O_2$ <b>Molecular Wt.</b> 527.5	Mol. Formula	$C_{24}H_{23}F_6N_5O_2$	Molecular Wt.	527.5			
Long term Storage Condition Store at 2-8 °C in well closed container	Long term Storage Condition		Store at 2-8 °C in we	Store at 2-8 °C in well closed container			
Handling and Transit Condition 25-30 °C in well closed container	Handling and Transit Condition			25-30 °C in well closed container			

Test	Result
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

## **CLEANCHEM LABORATORIES LLP**