Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

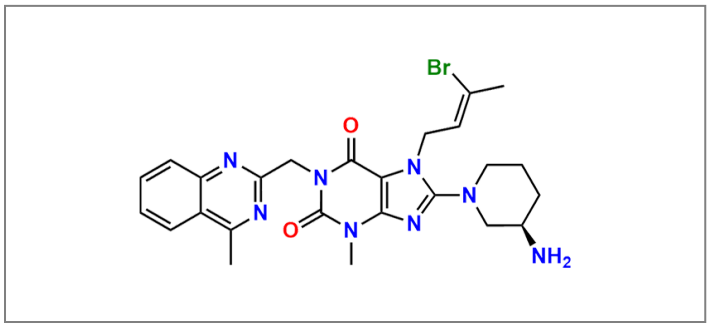
CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024 Re-test Date: Jun 2027

Product Name: Linagliptin EP Impurity D

Identification:

Chemical Name: (R,Z)-8-(3-aminopiperidin-1-yl)-7-(3-bromobut-2-en-1-yl)-3-methyl-1-((4-methylquinazolin-2-yl)methyl)-3,7-dihydro-1H-purine-2,6-dione



Synonyms	:	Linagliptin USP Related Compound D ; Linagliptin Impurity S
CAS Number	:	1638744-06-5
CAT Number	:	CP-L1017
Molecular Formula	:	C25H29BrN8O2
Molecular Weight	:	553.47
Batch Number	:	CP-LIN-S-0724
Storage Condition	:	Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition	:	All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA

Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	98.38%
5)	1HNMR	Confirm to structure
6)	Weight loss by TGA	0.20%
7)	Potency	98.18%

Prepared and Reviewed By

Mr. Shubham Bondre
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.