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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2022

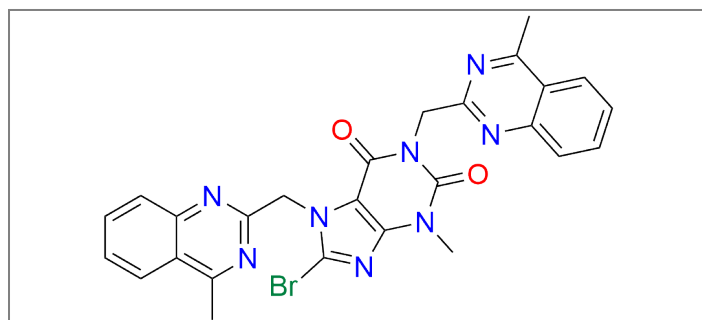
Re-test Date: Nov 2025

**Product Name: Linagliptin Impurity B**

### Identification:

Chemical Name: 8-Bromo-3-methyl-1,7-bis((4-methylquinazolin-2-yl)methyl)-3,7-dihydro-1H-purine-2,6-dione

Synonyms : NA  
CAS Number : 2138392-83-1  
CAT Number : CP-L1001  
Molecular Formula : C<sub>26</sub>H<sub>21</sub>BrN<sub>8</sub>O<sub>2</sub>  
Molecular Weight : 557.41  
Batch Number : CHEM-LIN-B



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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.52%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**



Ms Rohini Gagare  
(QA Head)

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