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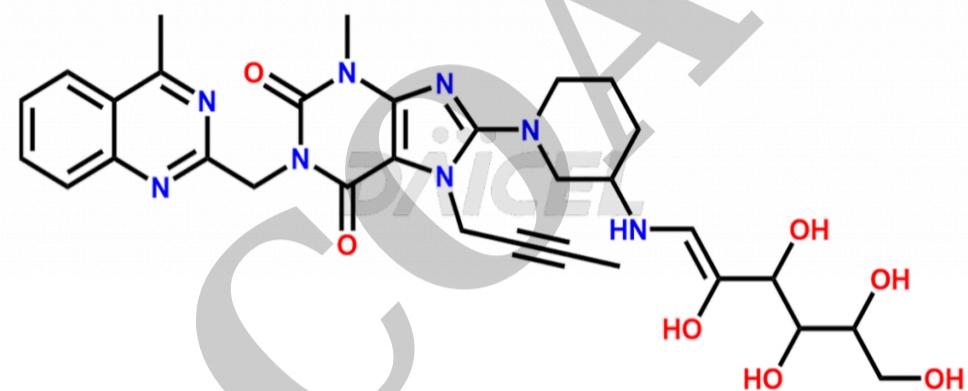

DAICEL CHIRAL TECHNOLOGIES
(INDIA) PRIVATE LIMITED
SUBSIDIARY OF DAICEL DAICEL CORPORATION



ISO 9001:2015 CERTIFIED

CERTIFICATE OF ANALYSIS

Product Name	Linagliptin N-glucose impurity
Molecular Formula	C ₃₁ H ₃₈ N ₈ O ₇
Molecular Weight	634.69
Batch Number	XX-XXXX
Batch Quantity	XXX
Date of Manufacturing	DD-MM-YYYY
Date of Analysis	DD-MM-YYYY
Next Retest Date	DD-MM-YYYY
Catalogue Number	DCTI-C-2269
CAS Number	NA
COA Number	PA-XXXX
IUPAC Name	(Z)-7-(but-2-yn-1-yl)-3-methyl-1-((4-methylquinazolin-2-yl)methyl)-8-(3-((2,3,4,5,6-pentahydroxyhex-1-en-1-yl)amino)piperidin-1-yl)-3,7-dihydro-1H-purine-2,6-dione
Storage and Handling	2-8 °C



Sl. No	* Test		Result
	Description		
1.	Identification i) By IR ii) By NMR iii) By MS		--
2.	Chromatographic Purity (%) by HPLC		--

Remarks: *Test or tests as mentioned above may vary as per the product nature or customer's requirement

Function	Compiled by	Reviewed by	Reviewed by	Approved by
Name	xxx	xxx	xxx	xxx
Department	Pharma Standards QC	Pharma Standards QC	Quality Assurance	Quality Assurance
Sign and Date				

Attachments	IR, NMR, MS spectra, HPLC Chromatogram.
Date of Shipment	DD-MMM-YYYY

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