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# **CERTIFICATE OF ANALYSIS**

Analysis Date:

Re-test Date:

## Product Name: Linagliptin Impurity 59

### Identification:

Chemical Name: (Z)-7-(3-Bromobut-2-en-1-yl)-3-methyl-3,7-dihydro-1H-purine-2,6-dione

Synonyms	: NA	
CAS Number	: NA	
CAT Number	: CP-L1087	
Molecular Formula	: C10H11BrN4O2	N NH
Molecular Weight	: 299.1	Br

#### **Analytical Information:**

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



Ms Priyanka Salunkhe (Manager QC Analytical)

**Prepared and Reviewed By** 

#### **Approved By**

Ms Rohini Gagare (QA Head)

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