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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Sitagliptin Impurity 56**

### Identification:

Chemical Name: 2-(Chloromethyl)-5-methyl-1,3,4-oxadiazole

Synonyms : NA  
CAS Number : 3914-42-9  
CAT Number : CP-S3099  
Molecular Formula : C<sub>4</sub>H<sub>5</sub>ClN<sub>2</sub>O  
Molecular Weight : 132.5



### 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



**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.