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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Metformin EP Impurity E (Sulfate salt)**

### Identification:

Chemical Name: 1-Methyl Biguanide Sulfate (as per EP)

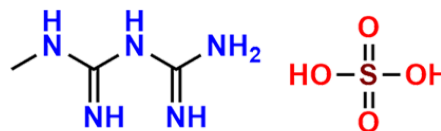
Synonyms : Metformin USP Related  
Compound B ; N-Desmethyl  
Metformin

CAS Number : 36801-25-9

CAT Number : CP-M3018

Molecular Formula : C<sub>3</sub>H<sub>9</sub>N<sub>5</sub> : H<sub>2</sub>SO<sub>4</sub>

Molecular Weight : 115.14 : 98.1



### 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.