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## CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2024

Re-test Date: Aug 2027

**Product Name: Gliclazide EP Impurity A**

### Identification:

Chemical Name: 4-Methylbenzenesulfonamide

Synonyms : p-Toluenesulfonamide (USP) ;  
Gliclazide BP Impurity A

CAS Number : 70-55-3

CAT Number : CP-G1001

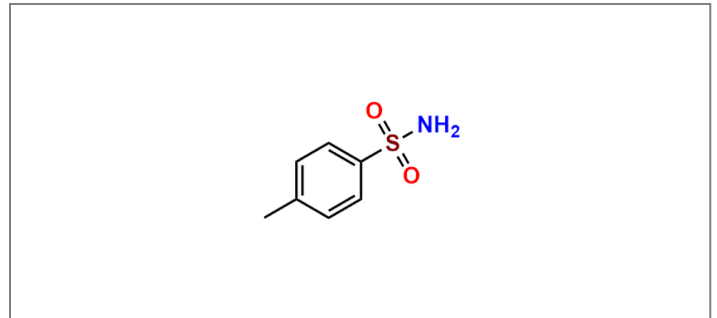
Molecular Formula : C<sub>7</sub>H<sub>9</sub>NO<sub>2</sub>S

Molecular Weight : 171.21

Batch Number : CHEM-GLD-A

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	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.02%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	IR	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.