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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2025

Re-test Date: Oct 2028

Product Name: Acetazolamide EP Impurity B

Identification:

Chemical Name: N-(1,3,4-Thiadiazol-2-yl)acetamide (as per EP & USP)

Synonyms : Acetamidothiadiazole (USP)

CAS Number : 5393-55-5

CAT Number : CP-A6002

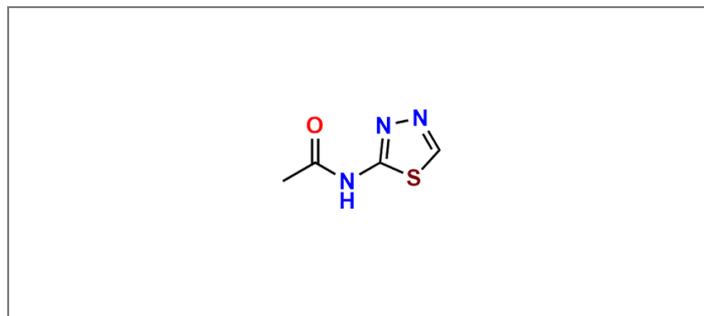
Molecular Formula : C₄H₅N₃O₂S

Molecular Weight : 143.17

Batch Number : CHEM-ACE-B

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	99.25%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	0.597 %
7)	Potency by TGA	98.03%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

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