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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2025

Re-test Date: Oct 2028

Product Name: Acetazolamide EP Impurity A

Identification:

Chemical Name: N-(5-Chloro-1,3,4-thiadiazol-2-yl)acetamide (as per EP & USP)

Synonyms : Chlorothiadiazole analog (USP)

CAS Number : 60320-32-3

CAT Number : CP-A6001

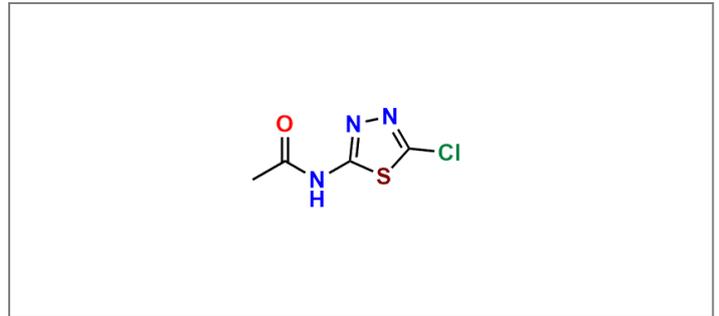
Molecular Formula : C₄H₄ClN₃O₂S

Molecular Weight : 177.61

Batch Number : CP-ACE-A-0924

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 | Off White Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 95.44% |
| 5) | ¹ H NMR | Confirm to structure |
| 6) | ¹³ C NMR | Confirm to Structure |
| 7) | IR | Confirm to Structure |



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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