

Analysis Date:

Re-test Date:

## ACETAZOLAMIDE SULFONYLCHLORIDE IMPURITY

### Identification

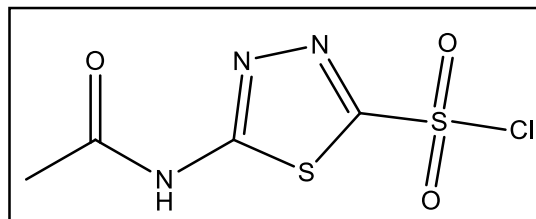
**Chemical Name** : 5-Acetamido-1,3,4-thiadiazole-2-sulfonyl chloride

**CAT No** : ALL-ATZ-SCL

**CAS No** : 32873-57-7

**Molecular Formula** : C<sub>4</sub>H<sub>4</sub>ClN<sub>3</sub>O<sub>3</sub>S<sub>2</sub>

**Molecular Weight** : 241.68



### Analytical Information

**Batch Code** : ALL-ATZ-SCL

**HPLC Purity** : 98.00 %

**Solubility** : MeOH: ACN

**Potency** : N.A

**Appearance of Product** : Off White Solid

**Mass** : Confirm

**Long Term Storage** : 2-8<sup>0</sup>C

**IR Analysis** : Confirm

**Weight Loss By TGA** : N.A

**<sup>1</sup>H NMR** : Confirm

**Residue Of Ignition** : N.A

### Additional Information

%Potency = [100 -( Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 = N.A

**Recommendation** : Released

|                          | Department | Name                                   | Signature |
|--------------------------|------------|----------------------------------------|-----------|
| Prepared and Reviewed by | Analytical | Mr. Swapnil Kausatkar<br>Jr. Executive |           |
| Approved By              | QA&QC      | Dr. Ashish Keche<br>Director QA&QC     |           |

**Attachment** : HPLC, Mass, 1H NMR, IR

**Shipping Condition** : All Product are stable to be shipped at room temperature, unless otherwise specified

### Corporate Office

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203