



## 1. Identification

Catalogue Number

A161500

Lot Number

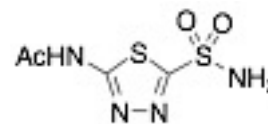
2-MIT-37-1

Product Name

Acetazolamide

Synonyms

N-[5-Aminosulfonyl]-1,3,4-thiadiazol-2-yl]acetamide; 5-Acetamido-1,3,4-thiadiazole-2-sulfonamide; Acetamox; Atenezol; Defiltran; Diamox; Didoc;

StructureCAS Number

59-66-5

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC<sub>4</sub>H<sub>6</sub>N<sub>4</sub>O<sub>3</sub>S<sub>2</sub>Source of Product

N/A

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

222.25

Purity

&gt;99%

## 2. Warnings

Hygroscopic

## 3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 21.66, %H: 2.67, %N: 24.94

HPLC Purity

Report Result

99.97% (265 nm)

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed.  
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

Reviewed by

Jingning Zhou

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

7/3/2024

Retest Date

7/1/2028