

1. Identification

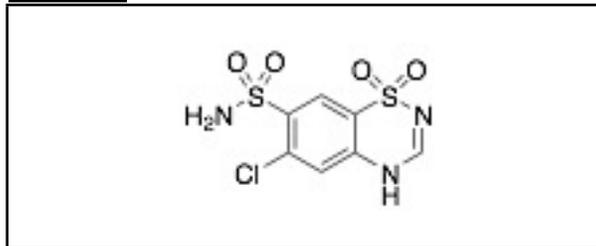
Catalogue Number

C380000

Lot Number

1-SCC-60-1

Structure



Product Name

Chlorothiazide

Synonyms

6-Chloro-7-sulfamyl-1,2,4-benzothiadiazine-1,1-dioxide; 6-Chloro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide; Chlorthiazide; Chlotride; Diuril; Saluric; Urinex; Hydrochlorothiazide EP Impurity A

CAS Number

58-94-6

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₇H₆ClN₃O₄S₂

Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

295.72

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 28.74, %H: 1.86, %N: 15.80

HPLC Purity

>95%

98.10% (225 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 ± 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

Evan Burns

Reviewed by

C of A Approved by

Test Date

7/5/2022

Retest Date

7/3/2029

Evan Burns

Toni Rantanen

Christina Gouliaras

Product Quality Specialist

Manager, Quality Assurance

Quality Assurance Associate