

## 1. Identification

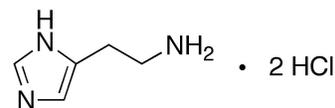
Catalogue Number

H436500

Lot Number

5-SCC-58-1

Structure



Product Name

Histamine Dihydrochloride

Synonyms

1H-Imidazole-4-ethanamine Dihydrochloride; 2-(1H-Imidazol-4-yl)ethanamine Dihydrochloride; 2-(1H-Imidazol-4-yl)ethylamine Dihydrochloride; 4-(2-Aminoethyl)imidazole Dihydrochloride; Ceplene; Histamine Chloride; Histamine Dichloride; Histamine Hydrochloride; Histaminedium Dichloride; Peremin;

CAS Number

56-92-8

Solubility

Methanol (Slightly, Heated), Water (Sparingly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>5</sub>H<sub>11</sub>Cl<sub>2</sub>N<sub>3</sub>

Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

184.07

Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 32.71, %H: 6.27, %N: 22.75

HPLC Purity

>95%

100.00% (215 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

*Neha*

Neha Khanna

Product Quality Specialist

Reviewed by

*Toni Rantanen*

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

*Chanell Chu*

Chanell Chu

Jr. Quality Assurance

Test Date

1/19/2022

Retest Date

1/17/2032