

1. Identification

Catalogue Number

B693630

Lot Number

12-FGD-299-1

Product Name

tert-Butylhydrazine Hydrochloride

Synonyms

(1,1-Dimethylethyl)hydrazine Hydrochloride; N'-tert-Butylhydrazine Hydrochloride; t-Butylhydrazine Hydrochloride; tert-Butylhydrazine Monohydrochloride; tert-Butylhydrazinium Chloride;

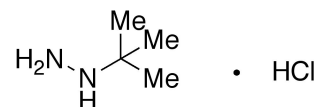
CAS Number

7400-27-3

Solubility

DMSO (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₄H₁₃ClN₂

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

124.61

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

Elemental Analysis

Conforms

%C: 38.65, %H: 10.57, %N: 22.23

HPLC Purity

Report Result

99.94% (ELSD)

MS

Conforms to Structure

Conforms

Chloride Content

Report Result

28.4%

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



Henry Tieu

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Rami Dhanoa

Quality Assurance Associate

Test Date

5/1/2024

Retest Date

4/29/2028