

Status: Currently Official on 17-Feb-2025
Official Date: Official Prior to 2013
Document Type: USP Monographs
DocId: GUID-9DB43BD8-C6EB-4B2E-8F7C-90402A2695A3_1_en-US
DOI: https://doi.org/10.31003/USPNF_M86200_01_01
DOI Ref: d0w9f

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Tripelelnamine Hydrochloride Tablets

» Tripelelnamine Hydrochloride Tablets contain not less than 95.0 percent and not more than 105.0 percent of the labeled amount of $C_{16}H_{21}N_3 \cdot HCl$.

Packaging and storage—Preserve in well-closed containers.

USP REFERENCE STANDARDS (11)—
[USP Tripelelnamine Hydrochloride RS](#)

Identification—Tablets meet the requirements under [Identification—Organic Nitrogenous Bases \(181\)](#).

DISSOLUTION (711)—

Medium: water; 900 mL.

Apparatus 1: 100 rpm.

Time: 45 minutes.

Procedure—Determine the amount of $C_{16}H_{21}N_3 \cdot HCl$ dissolved from UV absorbances at the wavelength of maximum absorbance at about 306 nm of filtered portions of the solution under test, suitably diluted with *Dissolution Medium*, if necessary, in comparison with a Standard solution having a known concentration of [USP Tripelelnamine Hydrochloride RS](#) in the same medium.

Tolerances—Not less than 75% (Q) of the labeled amount of $C_{16}H_{21}N_3 \cdot HCl$ is dissolved in 45 minutes.

UNIFORMITY OF DOSAGE UNITS (905): meet the requirements.

Assay—Proceed with Tablets as directed under [Salts of Organic Nitrogenous Bases \(501\)](#), determining the absorbance at 313 nm. Calculate the quantity, in mg, of $C_{16}H_{21}N_3 \cdot HCl$ in the portion of Tablets taken by the formula:

$$50C(A_u/A_s)$$

in which C is the concentration, in mg per mL, calculated on the dried basis, of [USP Tripelelnamine Hydrochloride RS](#) in the *Standard Preparation*.

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
TRIPLENNAMINE HYDROCHLORIDE TABLETS	Documentary Standards Support	SM52020 Small Molecules 5
REFERENCE STANDARD SUPPORT	RS Technical Services RSTECH@usp.org	SM52020 Small Molecules 5

Chromatographic Database Information: [Chromatographic Database](#)

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

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