Status: Currently Official on 14-Feb-2025
Official Date: Official Prior to 2013
Document Type: USP Monographs
DocId: GUID-F244B9D1-520E-4B8A-BF92-768BA0D5A6C4_1_en-US
DOI: https://doi.org/10.31003/USPNF_M28430_01_01
DOI Ref: ebm5a

Doxylamine Succinate Oral Solution

» Doxylamine Succinate Oral Solution contains not less than 92.0 percent and not more than 108.0 percent of the labeled amount of doxylamine succinate ($C_{17}H_{22}N_2O \cdot C_4H_6O_4$).

Packaging and storage—Preserve in tight, light-resistant containers.

USP Reference Standards ⟨11⟩—
USP Doxylamine Succinate RS

Identification—Use a volume of Oral Solution equivalent to about 50 mg of doxylamine succinate, and proceed as directed under *Identification—Organic Nitrogenous Bases ⟨181⟩*, beginning with "Transfer the liquid to a separator." The Oral Solution meets the requirements of the test.

Assay—Proceed with Oral Solution as directed under *Salts of Organic Nitrogenous Bases ⟨501⟩*, determining the absorbance at the wavelength of maximum absorbance at about 262 nm. Calculate the quantity, in mg, of doxylamine succinate ($C_{17}H_{22}N_2O \cdot C_4H_6O_4$) in each mL of the Oral Solution taken by the formula:

$$(0.05C/V)(A_U/A_S)$$

in which C is the concentration, in µg per mL, of USP Doxylamine Succinate RS in the *Standard Preparation;* and V is the volume, in mL, of Oral Solution taken.

Auxiliary Information - Please check for your question in the FAQs before contacting USP.

Topic/Question	Contact	Expert Committee
DOXYLAMINE SUCCINATE ORAL SOLUTION	Documentary Standards Support	SM52020 Small Molecules 5

Chromatographic Database Information: Chromatographic Database

Most Recently Appeared In:
Pharmacopeial Forum: Volume No. PF 28(2)

Current DocID: GUID-F244B9D1-520E-4B8A-BF92-768BA0D5A6C4_1_en-US
DOI: https://doi.org/10.31003/USPNF_M28430_01_01
DOI ref: ebm5a