

Status: Currently Official on 17-Feb-2025  
 Official Date: Official Prior to 2013  
 Document Type: USP Monographs  
 DocId: GUID-B47A3924-B533-43E8-8F31-A673E964DDDD\_1\_en-US  
 DOI: [https://doi.org/10.31003/USPNF\\_M84304\\_01\\_01](https://doi.org/10.31003/USPNF_M84304_01_01)  
 DOI Ref: 21xmz

© 2025 USPC  
 Do not distribute

## Tolu Balsam Syrup

### DEFINITION

Prepare Tolu Balsam Syrup as follows (see [Pharmaceutical Compounding—Nonsterile Preparations \(795\)](#)).

Tolu Balsam Tincture	50 mL
Magnesium Carbonate	10 g
Sucrose	820 g
Purified Water, a sufficient quantity to make	1000 mL

Add the *Tincture* all at once to the *Magnesium Carbonate* and 60 g of the *Sucrose* in a mortar, and mix. Gradually add 430 mL of *Purified Water* with trituration, and filter. Dissolve the remainder of the *Sucrose* in the clear filtrate with gentle heating, strain the syrup while warm, and add sufficient *Purified Water* through the strainer to make the product measure 1000 mL, and mix.

Tolu Balsam Syrup may also be prepared as follows. Place 760 g of the *Sucrose* in a suitable percolator, the neck of which is nearly filled with loosely packed cotton, moistened after packing with a few drops of water. Pour the filtrate, obtained as directed in the preceding instructions, on the *Sucrose*, and regulate the outflow to a steady drip of percolate. When all of the liquid has run through, return portions of the percolate, if necessary, to dissolve all the *Sucrose*. Then pass enough *Purified Water* through the cotton to make the product measure 1000 mL, and mix.

### OTHER COMPONENTS

- [ALCOHOL DETERMINATION, Method II \(611\)](#): 3.0%–5.0%

### SPECIFIC TESTS

- [FATS AND FIXED OILS, Acid Value \(401\)](#).

**Sample solution:** 2% of solution

**Analysis:** Add phenolphthalein TS, and titrate with 0.5 N alcoholic potassium hydroxide VS.

**Acceptance criteria:** 112–168

### ADDITIONAL REQUIREMENTS

- PACKAGING AND STORAGE:** Package in tight containers, and store at controlled room temperature.
- LABELING:** The label states the Latin binomial name and, following the official name, the part of the plant source from which the article was derived.

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

Topic/Question	Contact	Expert Committee
TOLU BALSAM SYRUP	<a href="#">Brian Serumaga</a> Science Program Manager	CMP2020 Compounding 2020
REFERENCE STANDARD SUPPORT	RS Technical Services <a href="mailto:RSTECH@usp.org">RSTECH@usp.org</a>	CMP2020 Compounding 2020

**Most Recently Appeared In:**

Pharmacopeial Forum: Volume No. PF 28(5)

**Current DocID: GUID-B47A3924-B533-43E8-8F31-A673E964DDDD\_1\_en-US**

**DOI: [https://doi.org/10.31003/USPNF\\_M84304\\_01\\_01](https://doi.org/10.31003/USPNF_M84304_01_01)**

**DOI ref: [21xmz](#)**

OFFICIAL