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Status: Currently Official on 16-Feb-2025
Official Date: Official Prior to 2013
Document Type: USP Monographs
DocId: GUID-F9BA8E89-8640-4EDC-8611-4B6D6557FC2E_1_en-US
DOI: https://doi.org/10.31003/USPNF_M80140_01_01
DOI Ref: ok54d

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Suspension Structured Vehicle

DEFINITION

Prepare Suspension Structured Vehicle as follows (see *Pharmaceutical Compounding—Nonsterile Preparations* ⟨795⟩).

Potassium Sorbate	0.15 g
Xanthan Gum	0.15 g
Citric Acid, Anhydrous	0.15 g
Sucrose	20 g
Purified Water, a sufficient quantity to make	100 mL

Transfer the *Potassium Sorbate* to a suitable beaker, and dissolve in 50 mL of *Purified Water*. Place the beaker on an electric hot plate and stirrer, and add the *Xanthan Gum* into the vortex while slowly stirring. Apply minimal heat, and incorporate the *Citric Acid* and the *Sucrose*. Add a sufficient quantity of *Purified Water* to obtain a final volume of 100 mL, and mix.

ADDITIONAL REQUIREMENTS

- **Packaging and Storage:** Package in tight, light-resistant containers. Store at room temperature, and avoid freezing.
- **Labeling:** Label it to state that it must be well shaken before use.
- **Beyond-Use Date:** NMT 30 days after the date on which it was compounded

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

Topic/Question	Contact	Expert Committee
SUSPENSION STRUCTURED VEHICLE	Brian Serumaga Science Program Manager	CMP2020 Compounding 2020
REFERENCE STANDARD SUPPORT	RS Technical Services RSTECH@usp.org	CMP2020 Compounding 2020

Chromatographic Database Information: Chromatographic Database

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

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