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Sugar-Free Suspension Structured Vehicle

DEFINITION

Prepare Sugar-Free Suspension Structured Vehicle as follows (see [Pharmaceutical Compounding—Nonsterile Preparations \(795\)](#)).

Xanthan Gum	0.20 g
Saccharin Sodium	0.20 g
Potassium Sorbate	0.15 g
Citric Acid	0.10 g
Sorbitol	2.0 g
Mannitol	2.0 g
Glycerin	2.0 mL
Purified Water, a sufficient quantity to make	100 mL

Transfer 30 mL of *Purified Water* to a beaker, placing it on an electric hot plate and stirrer. Using moderate heat, stir to form a vortex, and slowly sprinkle the *Xanthan Gum* into the vortex. In a separate beaker, dissolve the *Saccharin Sodium*, *Potassium Sorbate*, and *Citric Acid* in 50 mL of *Purified Water*. Using moderate heat, incorporate the *Sorbitol*, *Mannitol*, and *Glycerin* into this mixture. Add to this mixture the previously prepared xanthan gum dispersion. 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
SUGAR-FREE 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](#)

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