Status: Currently Official on 16-Feb-2025
Official Date: Official Prior to 2013
Document Type: USP Monographs
DocId: GUID-E95CAE2C-42E4-4AF2-BF50-4520F7E2CA29_1_en-US
DOI: https://doi.org/10.31003/USPNF_M52270_01_01
DOI Ref: v1e4q

Methylcellulose Oral Solution

» Methylcellulose Oral Solution is a flavored solution of Methylcellulose. It contains not less than 85.0 percent and not more than 115.0 percent of the labeled amount of methylcellulose.

Packaging and storage—Preserve in tight, light-resistant containers, and avoid exposure to direct sunlight and to excessive heat. Avoid freezing.

Identification—

A: Heat a few mL of Oral Solution: the solution becomes cloudy and a flaky precipitate, which redissolves as the solution cools, appears.

B: Pour a few mL of Oral Solution onto a glass plate, and allow the water to evaporate: a thin, self-sustaining film results.

Microbial enumeration tests ⟨61⟩ and Tests for specified microorganisms ⟨62⟩—Its total aerobic microbial count does not exceed 100 cfu per mL, and it meets the requirements of the test for the absence of *Escherichia coli.*

Alcohol Determination, *Method II* **⟨611⟩:** between 3.5% and 6.5% of C_2H_5OH.

Assay—To boiling flask *A*, as described under *Methoxy Determination ⟨431⟩*, transfer an accurately measured volume of Oral Solution, equivalent to 50 mg of methylcellulose. Evaporate on a steam bath to dryness, cool the flask in an ice bath, add the specified amount of hydriodic acid, and proceed as directed under *Methoxy Determination ⟨431⟩*. Each mL of 0.1 N sodium thiosulfate is equivalent to 1.753 mg of methylcellulose.

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

Topic/Question	Contact	Expert Committee
METHYLCELLULOSE ORAL SOLUTION	Documentary Standards Support	SM32020 Small Molecules 3
REFERENCE STANDARD SUPPORT	RS Technical Services RSTECH@usp.org	SM32020 Small Molecules 3

Chromatographic Database Information: Chromatographic Database

Most Recently Appeared In:
Pharmacopeial Forum: Volume No. PF 44(3)

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