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Mannitol in Sodium Chloride Injection

» Mannitol in Sodium Chloride Injection is a sterile solution of Mannitol and Sodium Chloride in Water for Injection. It contains not less than 95.0 percent and not more than 105.0 percent of the labeled amounts of $C_6H_{14}O_6$ and NaCl. It contains no antimicrobial agents.

Labeling—The label states the total osmolar concentration in mOsmol per L. Where the contents are less than 100 mL, or where the label states that the Injection is not for direct injection but is to be diluted before use, the label alternatively may state the total osmolar concentration in mOsmol per mL.

USP REFERENCE STANDARDS (11).—
[USP Mannitol RS](#)

Identification—

A: Evaporate a portion of Injection on a steam bath to dryness, and dry the residue at 105° for 4 hours: the residue responds to the *Identification* test A under [Mannitol Injection](#).

B: It responds to the tests for [Sodium \(191\)](#) and for [Chloride \(191\)](#).

BACTERIAL ENDOTOXINS TEST (85).—It contains not more than 0.04 USP Endotoxin Unit per mg of mannitol.

pH (791): between 4.5 and 7.0.

Other requirements—It meets the requirements for *Packaging and storage* under [Mannitol Injection](#). It meets also the requirements under [Injections and Implanted Drug Products \(1\)](#).

Assay for mannitol—Proceed with Injection as directed in the Assay under [Mannitol Injection](#).

Assay for sodium chloride—Proceed with Injection as directed in the Assay under [Sodium Chloride Injection](#).

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

Topic/Question	Contact	Expert Committee
MANNITOL IN SODIUM CHLORIDE INJECTION	Documentary Standards Support	SM22020 Small Molecules 2
REFERENCE STANDARD SUPPORT	RS Technical Services RSTECH@usp.org	SM22020 Small Molecules 2

Chromatographic Database Information: [Chromatographic Database](#)

Most Recently Appeared In:
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