

PRODUCT SPECIFICATIONS SHEET

**NEOSORB® P100C**

Definition

Product Identifier

**Product name:** NEOSORB® P100C

D-SORBITOL  
INCI : SORBITOL

Specifications

A) CHARACTERS

APPEARANCE	White or almost white, crystalline powder.
SOLUBILITY	Very soluble in water, practically insoluble in ethanol (96%).

B) IDENTIFICATION

IDENTIFICATION TEST-A	EP	Complies
IDENTIFICATION TEST-A(*)	NF	Complies
IDENTIFICATION TEST-B	NF	Complies
IDENTIFICATION TEST 1 (*)	JP	Complies
IDENTIFICATION TEST 2 (*)	JP	Complies
IDENTIFICATION TEST 3 (*)	JP	Complies

C) TESTS

D-SORBITOL on DS	EP	97.0 - 102.0 %
D-SORBITOL on DS	NF	91.0 - 100.5 %
ASSAY ON DS	JP	97,0 % min.
APPEARANCE IN SOLUTION	EP,JP	Complies.
ACIDITY	JP	Complies.
CONDUCTIVITY	EP	20 microS/cm max.
pH	NF	3.5 - 7.0
RESIDUE ON IGNITION	NF	0.1 % max.
RESIDUE ON IGNITION	JP	0.02 % max.
REDUCING SUGARS (AS IS)	EP	0.2 % max.

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REDUCING SUGARS (AS IS)	NF	0.3 % max.
GLUCOSE	JP	6,3 ml max.
SUGARS	JP	6,3 ml max.
<b>RELATED SUBSTANCES:</b>		
- IMPURITY A: D-MANNITOL	EP	2.0 % max.
- IMPURITY B: D-IDITOL	EP	2.0 % max.
- IMPURITY C: D-MALTTITOL	EP	2.0 % max.
- AMOUNT OF RELATED SUBSTANCES	EP	3.0 % max.
CHLORIDE	JP	0.005 % max.
SULFATE	JP	0.006 % max.
HEAVY METALS	JP	5 mg/kg max.
NICKEL(**)	NF	1 mg/kg max.
NICKEL(*)	JP	Complies.
ARSENIC	JP	1.3 mg/kg max.
WATER	EP / NF	1.5 % max.
LOSS ON DRYING	JP	2.0 % max.
<b>PARTICLE SIZE (LASER):</b>		
- PART.>340 microns		7 % max.
- PART.>140 microns		20 - 50 %
- PART.>25 microns		80 % min.
<b>MICROBIOLOGICAL VALUES:</b>		
- TOTAL AEROBIC MICROBIAL COUNT(**)	EP / NF	1000 CFU/g max.
- TOTAL YEASTS AND MOULDS COUNT(**)	EP / NF	100 CFU/g max.
- ESCHERICHIA COLI(**)	EP	Not detected in 1g.
- SALMONELLA(**)	EP	Not detected in 10g.

## Comments

Not intended for use in manufacture of parenteral dosage forms. Methods used by Roquette may be the Pharmacopoeia methods or alternative validated methods which have been compared to the Pharmacopoeia methods.

## Caption

- "EP" stands for European Pharmacopoeia
- "NF" stands for National Formulary from USP-NF
- "JP" stands for Japanese Pharmacopoeia
- (\*) Compliance data - Tests not performed

## NEOSORB® P100C

- (\*\*) Monitoring plan

### Conformity

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#### Conforms to the requirements of the current monograph

- **European Pharmacopoeia** SORBITOL (0435)
- **National Formulary from USP-NF** SORBITOL
- **Japanese Pharmacopoeia** D-SORBITOL

Please contact us for any statement regarding compliance to the General Chapters (elemental impurities, residual solvents, organic volatile impurities, metal catalyst, metal reagent).

### Storage

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**Expiry Date** Manufacturing date + 5 years, in its unopened packaging.

- Those date is indicative and may vary according to packaging type and manufacturing plant. Proper information is shown on labelling and CoA.
- We recommend to preserve the product in its unopened original packaging, preferably protected from wide variations of temperature and humidity.
- To minimise the problem of product-lumping, it is highly recommended to avoid the stacking of pallets.

### Disclaimer

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The information provided in this Product Specification Sheet relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process.

All information and instructions provided in this Product Specification Sheet are based on the current state of our knowledge at the latest revision date indicated. It is the responsibility of the user to be aware of and to follow the regulations applying to our product for its possession, handling and use.

Notes : All the dates are formatted like YYYY/MM/DD.