

PRODUCT SPECIFICATIONS SHEET

XYLISORB® 90 - XYLITOL

Definition

Product Identifier

Product name: XYLISORB® 90 - XYLITOL

MESO-XYLITOL

INCI: XYLITOL

Specifications

A) CHARACTERS

APPEARANCE

White or almost white,
crystalline powder or
crystals.

SOLUBILITY

Very soluble in water,
sparingly soluble in
ethanol 96%

B) IDENTIFICATION

IDENTIFICATION TEST-A(*)	NF	COMPLIES
IDENTIFICATION TEST-B(*)	EP	COMPLIES
IDENTIFICATION TEST-B	NF	COMPLIES

C) TESTS

XYLITOL on DS	EP	98.0 - 102.0 %
XYLITOL on DS	NF	98.5 - 101.0 %
APPEARANCE IN SOLUTION	EP	COMPLIES
CONDUCTIVITY	EP	20 microS/cm max.
REDUCING SUGARS(as is)	EP / NF	0.2 % max.
RELATED SUBSTANCES(as is)	EP	2.0 % max.
OTHER POLYOLS(on DS)	NF	2.0 % max.
LEAD(**)	EP	0.5 mg/kg max.
NICKEL(**)	EP	1 mg/kg max.
WATER CONTENT	EP	1.0 % max.
WATER CONTENT	NF	0.5 % max.
RESIDUE ON IGNITION(*)	NF	0.5 % max.

PARTICLE-SIZE (sieve)

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- RESIDUE on 500 microns	1 % max.
- RESIDUE on 250 microns	10 % max.
- RESIDUE on 100 microns	70 % max.
MICROBIOLOGICAL VALUES:	
- TOTAL AEROBIC MICROBIAL COUNT(**)	1000 CFU/g max.
- TOTAL YEASTS AND MOULDS COUNT(**)	100 CFU/g max.
- ESCHERICHIA COLI(**)	Not detected in 1g
- SALMONELLA(**)	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
- (*) Compliance data - Tests not performed
- (**) Monitoring plan

Conformity

Conforms to the requirements of the current monograph

- **European Pharmacopoeia** XYLITOL (1381)
- **National Formulary from USP-NF** XYLITOL

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

Storage

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

- The product durability 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.



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- Upon opening, use the product as quickly as possible to prevent moisture regain.

Disclaimer

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.