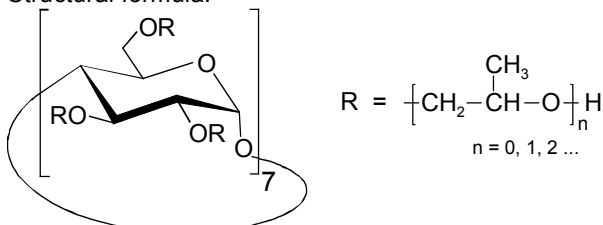


# CAVASOL® W7 HP PHARMA HYDROXYPROPYL BETADEX - MS 0,59–0,73

## Product description

Structural formula:



Molecular weight:	1400
CAS No.:	128446-35-5
Physical state:	solid - powder
Colour:	white
Odour:	odourless

CAVASOL® W7 HP Pharma is pharmaceutical grade hydroxypropyl-beta-cyclodextrin from Wacker Chemie AG.

CAVASOL® W7 HP Pharma is a highly soluble beta-cyclodextrin derivative, when concentrated solutions are needed.

## Special features

Good solubility in: methanol, ethanol, pyridine, dimethyl sulfoxide, dimethyl formamide

## Application

Wacker Chemie AG does not recommend the use of CAVASOL® W7 HP PHARMA HYDROXYPROPYL BETADEX - MS 0,59–0,73 for parenteral dosage forms.

## Storage

CAVASOL® W7 HP PHARMA HYDROXYPROPYL BETADEX - MS 0,59–0,73 has a shelf life of at least

36 months when stored in unbroken original packaging in dry storage areas. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Storage at room temperature in sealed containers under dry conditions is recommended.

## Packaging

Units of 10 kg

## Registration (selected countries / regions)

INCI: Hydroxypropyl cyclodextrin

Product complies with current Ph.Eur. and USP monographs specifications

DMF Type IV. No 21638

Listed on or in accordance with the following inventories:

ELINCS - Europe

ECL - Korea

ENCS - Japan

AICS - Australia

IECSC - China

TSCA - USA

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

**Product data**

Specification data	Inspection Method	Value
Appearance	Visual Control	Passed
Molar substitution	NMR	0,59 - 0,73
Identity A, B	PH. EUR.	positive
Betadex	HPLC	max. 1,0 %
Propylene glycol	HPLC	max. 0,5 %
Related substances, any	HPLC	max. 0,1 %
Related substances, total other	HPLC	max. 1,0 %
Heavy metals	USP/NF	max. 5 ppm
Total aerobic microbial count (TAMC)	PH. EUR.	max. 100 /g
Salmonella/E.Coli	PH. EUR.	max. 0 /10g
Total yeasts and molds count (TYMC)	PH. EUR.	max. 100 /g
Loss on drying	halogen dryer	max. 10,0 %
Propylene Oxide	GC	max. 0,0001 %
Appearance of solution	PH. EUR.	colorless, clear liquid
Conductivity	PH. EUR.	max. 200 µS/cm
Typical general characteristics	Inspection Method	Value
Solubility in water at 25 °C		2300 g/l
Melting point / Melting range	EG-RLA.1	120 - 160 °C
Bulk density		200 - 300 kg/m <sup>3</sup>

Figures below "Typical general characteristics" are intended as a guide and should not be used in preparing specifications.

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

WACKER® is a trademark of Wacker Chemie AG. CAVASOL® is a trademark of Wacker Chemie AG.

For technical, quality, or product safety questions, please contact:

Wacker Chemical Corporation  
3301 Sutton Road  
Adrian, MI 49221-9397,  
USA  
info@wacker.com  
www.wacker.com