

# CAVASOL® W7 M Pharma

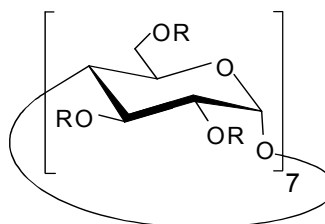
## Characteristics

CAVASOL® W7 M Pharma is a statistically methylated  $\beta$ -cyclodextrin derivative from Wacker Chemie AG

## Special characteristics

- Chemical name: methyl- $\beta$ -cyclodextrin cyclomaltoheptaose, methyl ether
- CAS-No.: 128446-36-6
- Appearance: white powder
- Average mol. wt: ~ 1310 (calc.)
- Solubility in water: > 200 g in 100 ml at 25°C
- Good solubility in: methanol, ethanol, acetone, pyridine, dimethyl sulfoxide, dimethyl formamide
- Bulk density: ~ 0.2 – 0.3 g/ml
- Melting range: 160 – 190 °C (decomp)

## Chemical structure



R = CH<sub>3</sub> or H

## Product data

Parameter	Value
Clarity and color of an 10% aqueous solution	Clear and colorless (according to Pharm. Eur.)
Degree of substitution (per anhydro glucose unit):	1.7 – 1.9
Optical density of a 10% solution:	0.1 max. (350-600 nm); 1.0 max. (220-350 nm)
Acidity/alkalinity (40 ml of a 10% aqueous sol.)	No more than 0.5 ml of 0.1N NaOH No more than 0.5 ml of 0.1N HCl
Specific rotation in water [ $\alpha$ ] <sub>D,20</sub> , 5% sol.	+ 164 +/- 3°
Reducing compounds (determined as dextrose):	0.5 % max.
$\beta$ -Cyclodextrin:	0.1% max
Residual solvents	Methanol < 0.005%, methyl chloride < 1 ppm
Chloride content:	500 ppm max.
Heavy metals:	10 ppm max.
Loss on drying:	5.0 % max.
Residue on ignition (sulphated ash):	0.1% max.
Microorganisms:	100 /g max.
E. coli, P. aeruginosa, S. aureus	0 in 1 g
Salmonella sp.	0 in 10 g

## Storage

Storage at room temperature in sealed containers under dry conditions is recommended. CAVASOL® W7 M Pharma has a shelf life of twelve months from the date on the delivery note.

Continued storage beyond the designated shelf life does not necessarily mean the material cannot be used. However, it is imperative for reasons of quality assurance that the user checks product data of significance for the intended application.

## Package

Units of 10kg

## Additional information

### Registration

ELINCS, TSCA, DSL/NDL, MITI, AICS  
DMF Type IV No. 15489

### Tariff Numbers:

EU:	2940 00 00
India:	2940.00.00
South Korea:	2940.00.20.90
USA:	2940.00.60.00
Japan:	2940.00.010

## Safety information

Detailed safety information is contained in each material data safety sheet, which can be obtained from our sales offices.

## Contact

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The data presented in this leaflet 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 leaflet 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 recommendations do 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 products for a particular purpose.

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

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Version 3.00 from 04-10-05 replaces  
Version 2.00 from 17-03-03

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

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