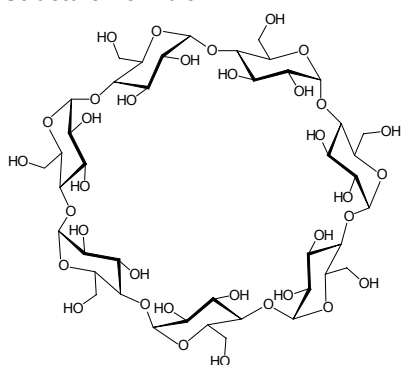


## CAVAMAX W7 pharma Box

25 kg

**Product description**

Structural formula:



Molecular weight: 1135  
 Empirical formula:  $C_{42}H_{70}O_{35}$   
 CAS No.: 7585-39-9  
 Physical state: solid - powder  
 Colour: white

CAVAMAX® W7 is pharmaceutical grade beta-cyclodextrin from Wacker Chemie AG.

CAVAMAX® W7 with seven glucose units has the mid-size cavity of the parent cyclodextrins. It is useful for stabilizing, solubilizing or delivering intermediate size molecules, e.g. menthol.

**Storage**

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

CAVAMAX W7 pharma Box 25 kg has a shelf life of at least 36 months when stored in unbroken original packaging in dry storage areas. The best use before date of each batch is shown on the product label.

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.

**Packaging**

Units of 25 kg, 1000 kg, bulk.

**Registration (selected countries / regions)**

INCI: Cyclodextrin  
 DMF Type IV. No 14620

Listed on or in accordance with the following inventories:

EINECS - Europe  
 TSCA - USA  
 DSL - Canada  
 AICS - Australia  
 ECL - Korea  
 ENCS - Japan  
 PICCS - Philippines  
 IECSC - China

**Additional information**

Tariff Numbers:

EU:	2940 00 00
India:	2940.00.00
South Korea:	2940.00.10.90
USA:	2900.00.60.00
Japan:	2900.00.090

**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>.

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**Product data**

Specification data	Inspection Method	Value
Identity	PH. EUR.	Passed
Content (on dry basis)	HPLC	98,0 - 101,0 %
Residue on ignition	USP	max. 0,1 %
Reducing substances (determined as dextrose)	USP	max. 0,2 %
Light absorbing impurities of a 1% aqueous solution (230-350 nm)	Photometry	max. 0,10
Light absorbing impurities of a 1% aqueous solution (350-750 nm)	Photometry	max. 0,05
Water	Halogen dryer	max. 14,0 %
Heavy metals	USP	max. 5 ppm
Related substances (alpha-Cyclodextrin)	PH. EUR.	max. 0,25 %
Related substances (gamma-Cyclodextrin)	PH. EUR.	max. 0,25 %
Related substances (other sugars)	PH. EUR.	max. 0,5 %
Volatile organics	GC	max. 5 ppm
Microorganisms	USP	max. 1.000 /g
Salmonella/E.Coli	USP	0 in 10g
Molds and yeasts	USP	max. 100 /g
Specific rotation	USP	[ $\alpha$ ] <sub>20/D</sub> 160 - 164 °
pH of a 1% aqueous solution	PH. EUR.	5,0 - 8,0
Appearance of 1% aqueous solution	PH. EUR.	Clear

**Typical general characteristics**

Typical general characteristics	Inspection Method	Value
Bulk density		400 - 700 kg/m <sup>3</sup>
Solubility in water at 25 °C		18,5 g/l

These figures are only intended as a guide and should not be used in preparing specifications.

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

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

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

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