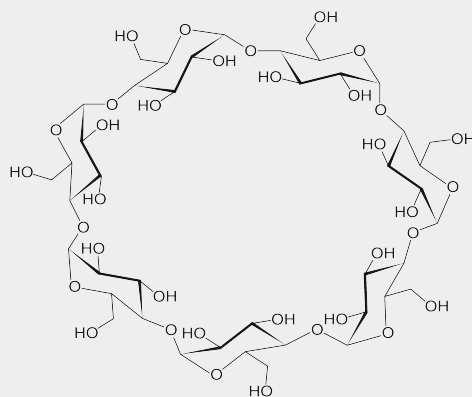


# CAVAMAX<sup>®</sup> W7 PHARMA

## Native Cyclodextrins

CAVAMAX<sup>®</sup> W7 PHARMA is pharmaceutical grade beta-cyclodextrin from Wacker Chemie AG. CAVAMAX<sup>®</sup> W7 PHARMA 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.

CAS No. 7585-39-9 | INCI Cyclodextrin | Empirical formula C<sub>42</sub>H<sub>70</sub>O<sub>35</sub> | Molecular weight 1135



## Properties

DMF Type IV. No.14620

## Technical data

### Specification

Property	Condition	Value	Method
Absorption of a 1% solution (230-350 nm)	-	max. 0.10	Photometry
Absorption of a 1% solution (350-750 nm)	-	max. 0.05	Photometry
Alpha and Gamma Cyclodextrin	-	max. 0.25 %	USP/NF
Clarity of 1% solution	-	clear	PH. EUR.
Cyclodextrin content	-	98.0 - 101.0 %	USP/NF
Heavy metals	-	max. 5 ppm	USP/NF
Identity A,B,C	-	Passed	PH. EUR.
Identity A,B,C,D	-	Passed	USP/NF
LOD (including water)	-	max. 14.0 %	Halogen dryer
Limit of reducing sugars	-	max. 0.2 %	USP/NF
Microorganisms per g	-	max. 1000 /g	MICROBIOLOGICAL PHOTOMETRIC TEST
Molds and yeasts	-	max. 100 /g	MICROBIOLOGICAL PHOTOMETRIC TEST
Related substances	-	max. 0.5 %	USP/NF
Residual solvent- toluene	-	max. 5 ppm	GC
Residue on ignition	-	max. 0.10 %	USP/NF
Salmonella/E.Coli	-	0 in 10g	MICROBIOLOGICAL PHOTOMETRIC TEST
Specific rotation [α] <sub>D</sub> /20	20 °C	160.0 - 164.0 °	USP/NF
pH of a 1 % aqueous solution	-	5.0 - 8.0	PH. EUR.

## General Characteristics

Property	Condition	Value	Method
Bulk density	-	400 - 700 kg/m <sup>3</sup>	-
Solubility in water	25 °C	18.5 g/l	-

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

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

## Compliance & Certificates

Full compliance info plus certificates can be downloaded from the product website.

- ✓ Certificate Halal Eddyville Cavamax® W7 Pharma (english)

## Applications

- Excipients & Auxiliaries
- Increasing Bioavailability
- Processing Auxiliaries

## Application details

- Solubilization, stabilization, delivery and isolation of mid-sized active ingredients, e.g. menthol, thymol, macrolides
- Enhancement of both oral bioavailability and taste masking of pharmaceutical and agrochemical active ingredients; enabling delayed release of volatile materials

## Packaging and storage

### Packaging

Units of 25 kg, 1000 kg, bulk.

### Storage

Storage at room temperature in sealed containers under dry conditions is recommended. CAVAMAX® W7 PHARMA 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.

## 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>.

## QR Code CAVAMAX® W7 PHARMA



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

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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.