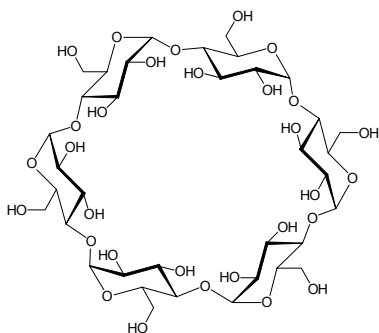


CAVAMAX W6 Pharma Box

25 kg

Product description

Structural formula:



Molecular weight: 973
Empirical formula: $C_{36}H_{60}O_{30}$
CAS No.: 10016-20-3
Physical state: solid - powder
Colour: white

CAVAMAX® W6 is pharmaceutical grade alpha-cyclodextrin from Wacker Chemie AG.

CAVAMAX® W6 with 6 glucose units has the smallest cavity of the parent cyclodextrins. It is useful for solubilizing, stabilizing or delivering small molecules.

Storage

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

CAVAMAX W6 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 14937

Listed on or in accordance with the following inventories:

AICS - Australia
EINECS - Europe
TSCA - USA
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:	2940.00.60.00
Japan:	2940.00.010

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>.

Contact

Wacker Chemical Corporation
3301 Sutton Road
Adrian, MI 49221-9397, USA
Tel.: +1 517 264-8671
Fax: +1 517 264-8795

Wacker Chemie AG
Johannes-Hess-Str. 24
84489 Burghausen, Germany
Tel.: +49 8677 833782
Fax: +49 8677 837301

info.biosolutions@wacker.com

Product data

Specification data	Inspection Method	Value
Content (on dry basis)	HPLC	98,0 - 101,0 %
Residue on ignition	USP	max. 0,1 %
Reducing substances (determined as dextrose)	Colorimetry	0,2 %
Light absorbing impurities of a 1% aqueous solution (230-350 nm)	Photometry	< 0,10
Light absorbing impurities of a 1% aqueous solution (350-750 nm)	Photometry	< 0,05
Heavy metals	USP	max. 5 ppm
Volatile organics	GC	max. 20 ppm
Water	Halogen dryer	max. 10,0 %
Microorganisms	USP	max. 1.000 /g
Salmonella/E.Coli	USP	0 in 10g
Beta-cyclodextrin content	HPLC	max. 0,25 %
Gamma-cyclodextrin content	HPLC	max. 0,25 %
Related substances	HPLC	max. 0,5 %
Molds and yeasts	USP	max. 100 /g
pH of a 1% aqueous solution	PH. EUR.	5,0 - 8,0
Appearance of 1% aqueous solution	PH. EUR.	clear
Specific rotation	USP	[α] _{20/D} 147 - 152 °,water

Typical general characteristics

Typical general characteristics	Inspection Method	Value
Solubility in water at 25 °C		145 g/l
Bulk density		400 - 700 kg/m ³

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:

Wacker Chemie AG
Hanns-Seidel-Platz 4
81737 München, Germany
info.biosolutions@wacker.com

www.wacker.com