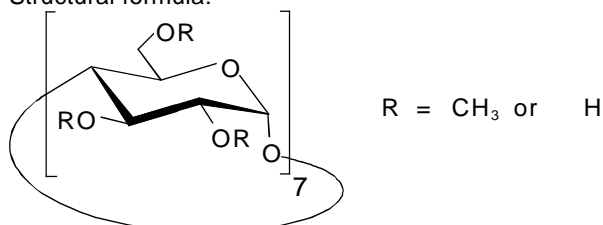


CAVASOL® W7 M PHARMA

Product description

Structural formula:



Molecular weight: 1310
 CAS No.: 128446-36-6
 Physical state: solid - powder
 Colour: white
 Odour: odourless

CAVASOL® W7 M Pharma is pharmaceutical grade methyl-beta-cyclodextrin from Wacker Chemie AG.

CAVASOL® W7 M Pharma is a highly soluble beta-cyclodextrin derivative when concentrated solutions are needed. It is the most efficient solubilizing agent.

Special features

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

Storage

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

CAVASOL® W7 M 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.

Packaging

Units of 10 kg

Registration (selected countries / regions)

DMF Type IV no 15489

Listed on or in accordance with the following inventories:

- ELINCS - Europe
- ECL - Korea
- AICS - Australia
- IECSC - China
- DSL - Canada
- PICCS - Philippines
- 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
Cyclodextrin content	calculated	> 98 %
Molar substituiton	NMR	1,7 - 1,9
Absorption of a 2% solution (220-350nm)	photometry	max. 1,0
Absorption of a 2% solution (350-660nm)	photometry	max. 0,1
Identity		positive

Specification data	Inspection Method	Value
Unsubstituted Cyclodextrin	HPLC	max. 0,1 %
Reducing compounds	Titration	max. 0,5 %
Heavy metals	USP/NF	max. 10 ppm
Volatile organics	GC	max. 50 ppm
Chloride	Titration	max. 0,2 %
Residue on ignition	USP/NF	max. 0,5 %
Total aerobic microbial count (TAMC)	PH. EUR.	max. 1000 cfu/ml
Salmonella/E.Coli	PH. EUR.	max. 0 /10g
Total combined yeasts/molds count (TYMC)	PH. EUR.	max. 100 cfu/ml
Specific rotation	Refractometer	[α]/D 154 - 165 °
Loss on drying	halogen dryer	max. 5,0 %
Typical general characteristics	Inspection Method	Value
Solubility in water at 25 °C	EU-GL.A.6	> 750 g/l
Melting point / Melting range	EG-RL.A.1	164,5 - 172,4 °C
Bulk density		approx. 400 kg/m ³

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:

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