

CAVAMAX® W7 Pharma

Characteristics

CAVAMAX® W7 Pharma is β -cyclodextrin from Wacker Chemie AG

Special characteristics

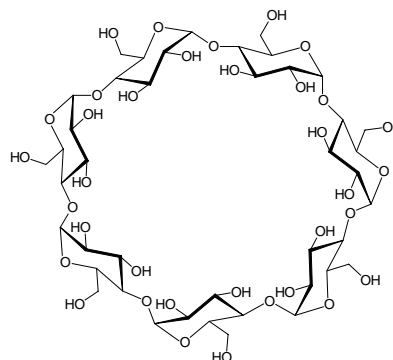
- Chemical name: β -cyclodextrin, cycloheptaamylose, cyclomaltoheptaose
- CAS-No.: 7585-39-9
- Appearance: white crystalline powder
- Bulk density: 0.4 – 0.7 g/cm³
- Molecular weight: 1135
- Solubility in water: 1.85 g in 100 ml at 25°C

Storage

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

Chemical structure



significance for the intended application.

Package

Units of 25 kg, 1000 kg, bulk.

Product data

Parameter	Value
Identity	Passed
Content (on dry basis)	98.0 – 101.0 %
Residue on ignition	0.1 % max.
Specific rotation in aqueous solution $[\alpha]_{D,20}$	+162° ± 2°
Reducing substances (determined as dextrose)	0.2 % max.
Light absorbing impurities of a 1% aqueous solution	< 0.1 (230-350 nm); < 0.05 (350-750 nm)
pH of a 1% aqueous solution	5 – 8
Appearance of 1% aqueous solution	Clear
Related substances	< 0.25% α - and γ -CD; < 0.5% other sugars
Heavy metals	5 ppm max.
Volatile organics	5 ppm max.
Water (Karl Fischer)	14 % max.
Microorganisms	1000 /g max.
Salmonella/E.Coli	0 in 10 g

Additional information

Registration

EINECS, TSCA, DSL, MITI, AICS
INCI : Cyclodextrin
DMF Type IV, No. 14620

Tariff Numbers:

EU:	2940 00 00
India:	2940.00.00
South Korea:	2940.00.10.90
USA:	2940.00.60.00
Japan:	2940.00.029

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 5.00 from 25-01-06 replaces
Version 4.00 from 04-10-05

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

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