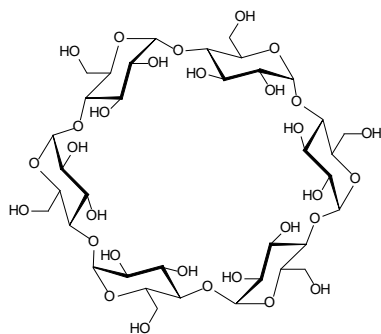




CAVAMAX® W6

Product description

Structural formula:



Molecular weight: 972,84
Empirical formula: $C_{36}H_{60}O_{30}$
CAS No.: 10016-20-3
Physical state: solid - powder
Colour: white

Chemical name: alpha-Cyclodextrin,
cyclohexaamylose, cyclomaltohexaose

CAVAMAX® W6 with 6 glucose units has the smallest cavity of the parent cyclodextrins. It is useful for solubilizing, stabilizing or delivering small molecules, e.g. low molecular weight, flavor or fragrance compounds.

Storage

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

CAVAMAX® W6 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.



Product data		
Specification data	Inspection Method	Value
Cyclodextrin content	USP/NF	min. 98 %
Reducing Substances	USP	max. 0,5 %
Heavy metals	USP/NF	max. 5 ppm
Lead	USP/NF	max. 0,5 ppm
Arsenic	Titration	max. 1,3 ppm
Residual complexant (1-decanol)	GC	max. 20 ppm
Microorganisms	MICROBIOLOGICAL PHOTOMETRIC TEST	max. 1000 /g
Salmonella/E.Coli	MICROBIOLOGICAL PHOTOMETRIC TEST	0 in 10g
Residue on ignition	USP/NF	max. 0,1 %
Loss on drying	Halogen Dryer	max. 11 %
Specific rotation	FCC	$[\alpha]_{25/D}^{20} 145,0 - 151,0$ °, c= 1 g/100 ml in water
Typical general characteristics	Inspection Method	Value
Solubility in water at 20 °C	OECD 105	110,3 g/l
Chromatography		conforms
Bulk density		400 - 700 kg/m ³

These figures are only 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.