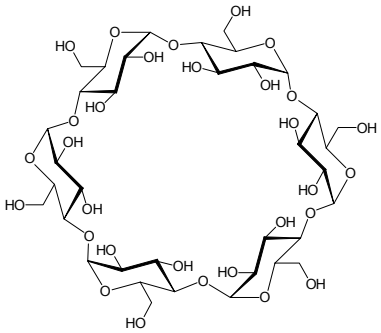
CAVAMAX® W6 FOOD

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 FOOD is a food grade alpha-cyclodextrin from Wacker Chemie AG.

CAVAMAX® W6 FOOD 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.

CAVAMAX® W6 FOOD is being introduced to the food industry as a new soluble dietary fiber with convincing properties.

Storage

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

CAVAMAX® W6 FOOD 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)

Kosher certified
Halal certified

INCI: Cyclodextrin

CAVAMAX® W6 FOOD complies with

JECFA

US FDA: GRAS

Commission Decision 2008/413/EC (alpha-cyclodextrin as a novel food ingredient)

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
Content (on dry basis)	HPLC	min. 98 %
Reducing substances (determined as dextrose)	USP	max. 0,5 %
Heavy metals	USP	max. 5 ppm
Lead	USP	max. 0,5 ppm
Arsenic	USP	max. 1,3 ppm
Residual complexant (1-decanol)	GC	max. 20 ppm
Microorganisms	PH. EUR.	max. 1000 /g
Salmonella/E.Coli	PH. EUR.	0 in 10g
Residue on ignition (sulfated ash)	USP	max. 0,1 %

Specification data	Inspection Method	Value
Loss on drying	specific method	max. 11 %
Specific rotation	FCC	[α]25/D 145 - 151 °,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/m³

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

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

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