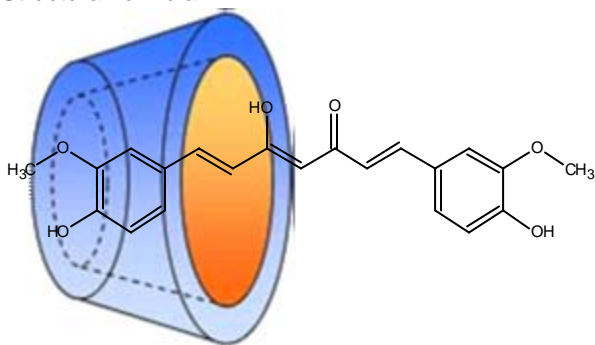


# CAVAMAX W8 CURCUMIN CYCLODEXTRIN

## CYCLODEXTRIN INCLUSION COMPLEX

### Product description

Structural formula:



Physical state: solid - powder  
Colour: orange yellow

CAVAMAX® W8 Curcumin is a cyclodextrin inclusion complex of curcumin with food grade gamma-Cyclodextrin (GRAS). It is produced by Wacker Chemical Corporation.

Curcumin is the principal curcuminoid found in turmeric and is considered its most active component. In addition to its use as a spice and pigment, turmeric has been used for centuries in India for medicinal purposes. Recent evidence shows that curcumin may have antioxidant and anti-inflammatory activities.

Curcumin itself is very water insoluble, and clinical trials in humans indicate that the systemic bioavailability of orally administered curcumin is very low, however Cyclodextrin complexed curcumin is water dispersible and studies in rats indicate the Cyclodextrin-complexed curcumin is significantly more bioavailable.

Ingredients: CAVAMAX® W8 food grade (gamma-Cyclodextrin, CAS 17465-86-0) Curcuminoids (Curcumin CAS 458-37-7, Demethoxy Curcumin CAS 458-37-7, BisDemethoxy Curcumin CAS 33171-05-0).

### Storage

Storage at room temperature in sealed containers under dry conditions is recommended. CAVAMAX W8 CURCUMIN CYCLODEXTRIN has a shelf life of six months from the date on the delivery note. Storage beyond the date specified 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

### 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

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### Product data

| Typical general characteristics | Inspection Method | Value           |
|---------------------------------|-------------------|-----------------|
| Curcuminoids                    | HPLC              | min. 14,0 wt. % |
| Loss on drying                  | halogen dryer     | max. 14,0 %     |
| Potassium                       | AAS               | max. 2,5 %      |
| Microorganisms                  | USP               | max. 1.000 /g   |
| Salmonella/E.Coli               | USP               | 0 in 10g        |

Figures below "Typical general characteristics" are intended as a guide and should not be used in preparing specifications.

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

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