CAVAMAX® W7

Product description

Structural formula:

Molecular weight: 1135
Empirical formula: C₄₂H₇₀O₃₅
CAS No.: 7585-39-9
Physical state: solid - powder
Colour: colourless to yellowish

CAVAMAX® W7 is standard grade beta-cyclodextrin from Wacker Chemie AG.

CAVAMAX® W7 with seven glucose units has the mid-size cavity of the parent cyclodextrins. It is useful for stabilizing, solubilizing or delivering intermediate size molecules, e.g. menthol.

Storage

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

INCI: Cyclodextrin

Listed on or in accordance with the following inventories:
EINECS - Europe
ECL - Korea
ENCS - Japan
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

<table>
<thead>
<tr>
<th>Typical general characteristics</th>
<th>Inspection Method</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Content (on dry basis) *</td>
<td></td>
<td>min. 95 %</td>
</tr>
<tr>
<td>Water</td>
<td>Karl Fischer</td>
<td>max. 14 %</td>
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<tr>
<td>Solubility in water at 25 °C</td>
<td></td>
<td>18.5 g/l</td>
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<tr>
<td>Bulk density</td>
<td></td>
<td>400 - 700 kg/m³</td>
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</table>

* Impurities are mainly residual starch, glucose, other cyclodextrins and maltooligosaccharides
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

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

Wacker Chemie AG
Hanns-Seidel-Platz 4
81737 München, Germany
info@wacker.com
www.wacker.com