

# CAVAMAX® W6

## FOAM UP YOUR BARISTA TOPPING

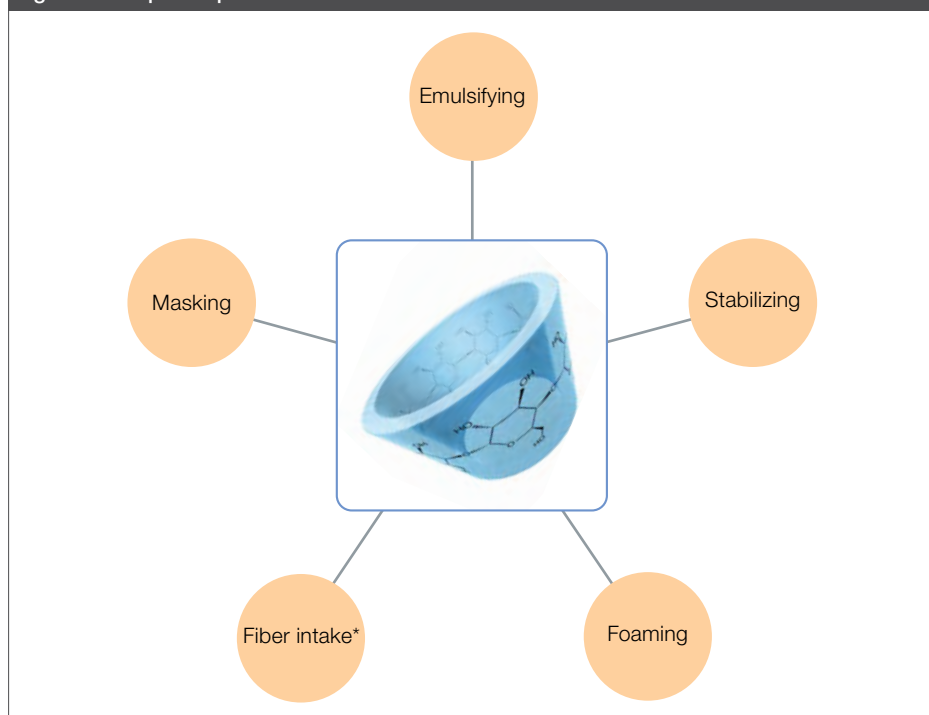
Baristas have developed a form of art: "latte art." This trend is all about the foam and provides worthwhile opportunities for food service and manufacturers while at the same time creating new challenges. Due to its unique properties, CAVAMAX® W6 alpha-cyclodextrin can greatly contribute to improving barista toppings.

With consumers asking for indulgence and convenience, a silky foam on top of barista beverages like cappuccino or chai latte is in high demand. Generating a fine, homogenous foam with high volume and keeping it stable over time can be a challenge. Thanks to its unique properties, CAVAMAX® W6 supports aeration while providing superior texture and stability to barista foam.

Figure 2: Fine and Creamy Barista Foam with CAVAMAX® W6



Figure 1: Unique Properties of CAVAMAX® W6



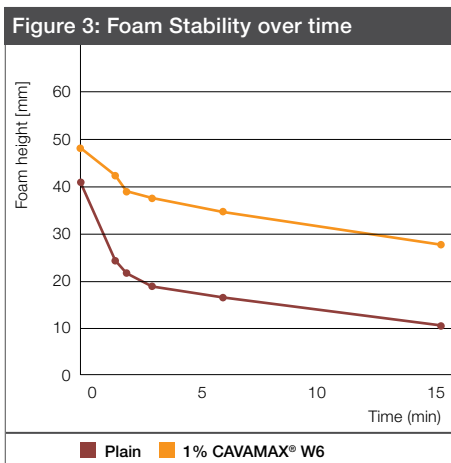
\*Approved EU health claim

Made by enzymatic conversion of starch, CAVAMAX® W6 is produced in a patented process from renewable raw materials. The cyclic oligosaccharide consists of six glucose molecules and offers a wide range of functionalities to the food industry (Figure 1).

CAVAMAX® W6 shows compelling advantages in different model systems: barista milk, powder-based toppings and plant milk. When foam is created via steam injection or frothing in one of the aforementioned systems, CAVAMAX® W6 can significantly increase the foaming capacity.

### Advantages of CAVAMAX® W6

- Free-flowing powder for easy integration in compound systems
- Plant-based, vegan, kosher and halal
- Clean label (no E number)
- No ADI restrictions
- No allergen labeling required
- Based on renewable raw materials (starch)
- EU health claim



By preventing drainage and coalescence, CAVAMAX® W6 stabilizes the foam pore structure, giving a fine and creamy foam appearance that is also reflected in the mouthfeel (Figure 2). It can increase foam stability and thereby enable longer serving times (Figure 3 and Figure 4).

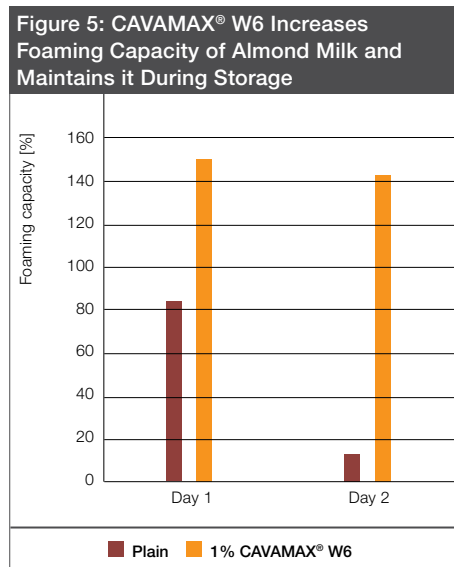
CAVAMAX® W6 enables layer formation and stabilization for distinct dairy-coffee layers. These are a distinctive feature of “latte macchiato”-type applications.

Plant-based milks are gaining more and more traction, also for barista applications. CAVAMAX® W6 presents an ideal solution for improving the foaming properties of plant-based milk. In almond milk, it can for example greatly increase the foaming capacity and maintain it during storage (Figure 5).

Since it is able to mask undesired off-notes, CAVAMAX® W6 can also help to optimize the flavor profile of dairy or plant-based barista toppings.



For Figure 4, a powder-based barista topping was foamed via steam injection. Watch the video here: [www.wacker.com/barista](http://www.wacker.com/barista)



For Figure 5, almond milk was foamed via mechanical aeration (frothing).

- Benefits of CAVAMAX® W6 in Barista Toppings**
- High foam volumes
  - Smooth and creamy mouthfeel
  - Stable foam structure
  - Longer serving times
  - Stable latte macchiato layers
  - Improved foaming properties of plant milk over storage time
  - Masking of undesired off-notes



**Wacker Chemie AG**, 81737 Munich, Germany, Phone: 00 800-6279-0800 (toll-free), [food.support.americas@wacker.com](mailto:food.support.americas@wacker.com)  
[food.support.asia@wacker.com](mailto:food.support.asia@wacker.com), [food.support.europe@wacker.com](mailto:food.support.europe@wacker.com)



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.