

Optimized and sugar-reduced orange juice drinks

Perfect mouthfeel using multifunctional fruit fibers

The Herbacel® AQ® portfolio consists of natural citrus and apple fibers, which offer excellent functionality. They are particularly useful for adjusting mouthfeel and viscosity of fruit juice-based beverages. Due to the high waterbinding capacity, even a small amount of a fruit fiber can significantly impact the viscosity of the drink.

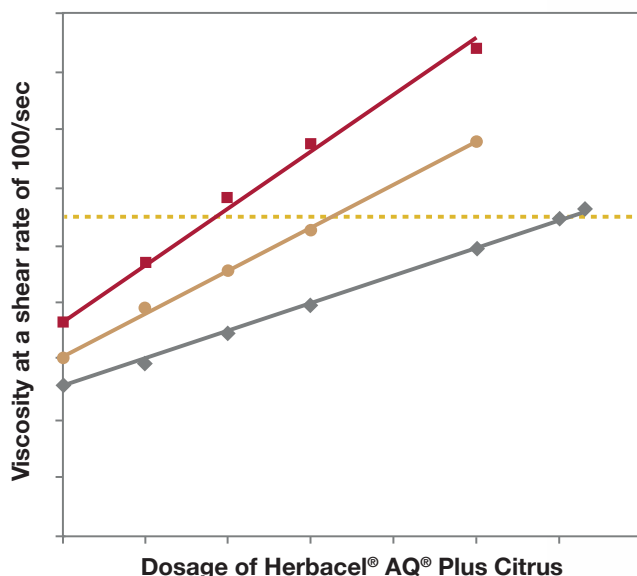
Our multifunctional fruit fibers can thus contribute to an optimization of your juice beverage both in terms of calories and costs. Beverages made with apple or citrus fiber have an enhanced flavor profile and a delightful fruity mouthfeel. The optimal fiber dosage for different fruit concentrations, specifically to reduce the content of concentrated orange juice, has been determined to ensure that the desired juice texture was achieved.

Advantages of Herbacel® AQ® Plus Citrus or Herbacel® AQ® AFB Apple in juice-based drinks:



- ✓ Adjustment of viscosity
- ✓ Enhanced mouthfeel
- ✓ Possible reduction of the fruit content
- ✓ Possible reduction of the sugar content
- ✓ Clean label declaration as "citrus fiber" or "apple fiber"
- ✓ Neutral in taste and color
- ✓ Heat stable
- ✓ No "flavor suppression"
- ✓ Allergen free
- ✓ Vegan
- ✓ Kosher and halal certified

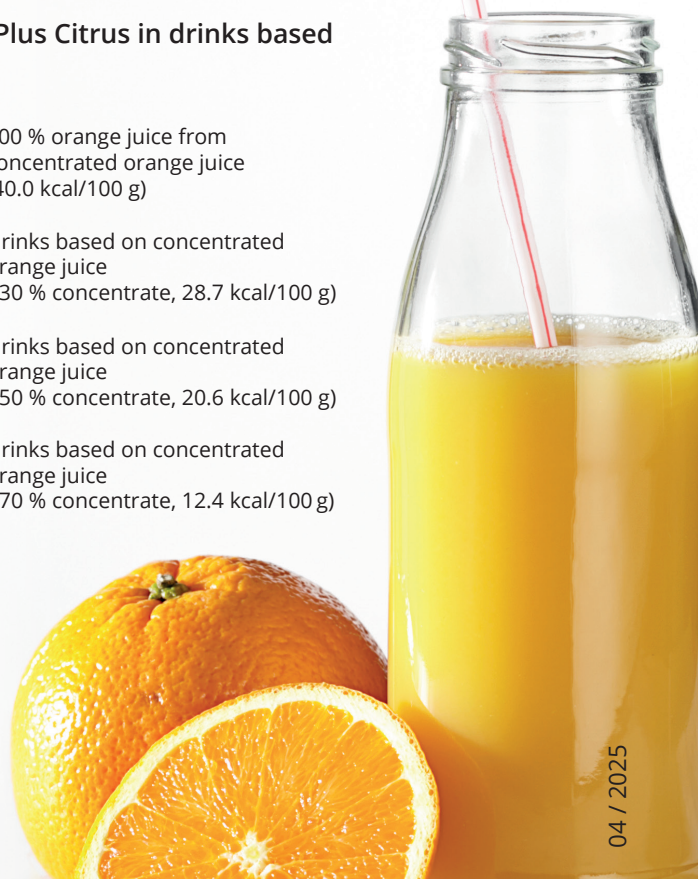
Dependence of viscosity on the dosage of Herbacel® AQ® Plus Citrus in drinks based on concentrated orange juice



- 100 % orange juice from concentrated orange juice (40.0 kcal/100 g)
- Drinks based on concentrated orange juice (-30 % concentrate, 28.7 kcal/100 g)
- Drinks based on concentrated orange juice (-50 % concentrate, 20.6 kcal/100 g)
- ◆ Drinks based on concentrated orange juice (-70 % concentrate, 12.4 kcal/100 g)

We would be happy to advise you on individual product solutions!

Contact: solutions@herbafood.com



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