

Tylopur® SFE-50 improves non-dairy whipped cream

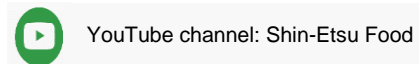
TYLOPUR® SFE-50 is a key ingredient for non-dairy whipped cream applications. It creates high quality products with optimal binding and mouthfeel. It improves air entrainment in whipped products for a better texture, structure, and a higher volume.

Benefits

High Volume	TYLOPUR® SFE-50 is responsible for high overrun in non-dairy whipped cream
Freeze-Thaw Stability	TYLOPUR® SFE-50 prevents deterioration due to freeze-thaw cycles

Case Study

The performance of **TYLOPUR® SFE-50**, which is a hydroxypropyl methylcellulose (E464), was tested in non-dairy whipped cream.



Ingredients	[%]
Sugar	34.6
Water	34.6
Palm Oil	23.7
Dextrose	2.9
Light Corn Syrup	2.5
Vanilla Flavor	0.6
TYLOPUR® SFE-50	0.6
Polysorbate 60	0.3
Salt	0.2
Total	100

1. Place the palm oil, sugar, dextrose, light corn syrup, **TYLOPUR® SFE-50**, vanilla flavor, polysorbate 60, and salt together in the bowl of a Thermomix.
2. Mix at speed 2 and 70°C for 15 minutes.
3. Slowly add in hot water while continuously stirring the mixture using the Thermomix.
4. Increase speed to 3 and continue to stir at 70°C for 30 minutes.
5. Immediately process this mixture through a high pressure homogenizer at 25,000 PSI (1700 Bar).
6. Store the mixture at 4-8°C for a minimum of 24 hours.
7. Whip the non-dairy whipped cream base in the bowl of a stand mixer at medium speed for 1 minute and at high speed for another 3 minutes.



Figures 1 and 2: Non-Dairy Whipped Cream prepared with **TYLOPUR® SFE-50**

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