

Integrated Emulsifier Blend in Cake Gel Preparation

MASEMUL® EF 2003

Emulsifier blend comprises α -crystalline emulsifier to use in producing premium α -cake gel for excellent stability and production reliability. Easy handling pellet emulsifiers.

Features of MASEMUL® EF 2003

- Source of α -crystalline emulsifier for quick whipping properties.
- Source of α -tending emulsifier for α -cake gel shelf stability.
- Feasibility of 'all-in method' in cake preparation.

Formulation Considerations while Using MASEMUL® EF 2003

- 29.0 - 32.0% MASEMUL® EF 2003 in total formulation.
- 18.0 - 24.0% solvent (propylene glycol and MASCEROL® Glycerine 99.7%)

Advantages of Using MASEMUL® EF 2003

- Provides a stable α -gel system.
- Imparts quick whipping properties in the α -cake gel that provides good cake volume, improve cake batter aeration, improves cake batter stability by increasing cake batter viscosity.
- Cake gel ingredients that improve final keeping quality and texture of cakes.
- Ensure least bubble disruption in cake preparation using commercial continuous processing line.

Outcome & Results

Alpha cake gel produced is stable and ideal for use within vertical mixer as well as industrial production of all types of cake.

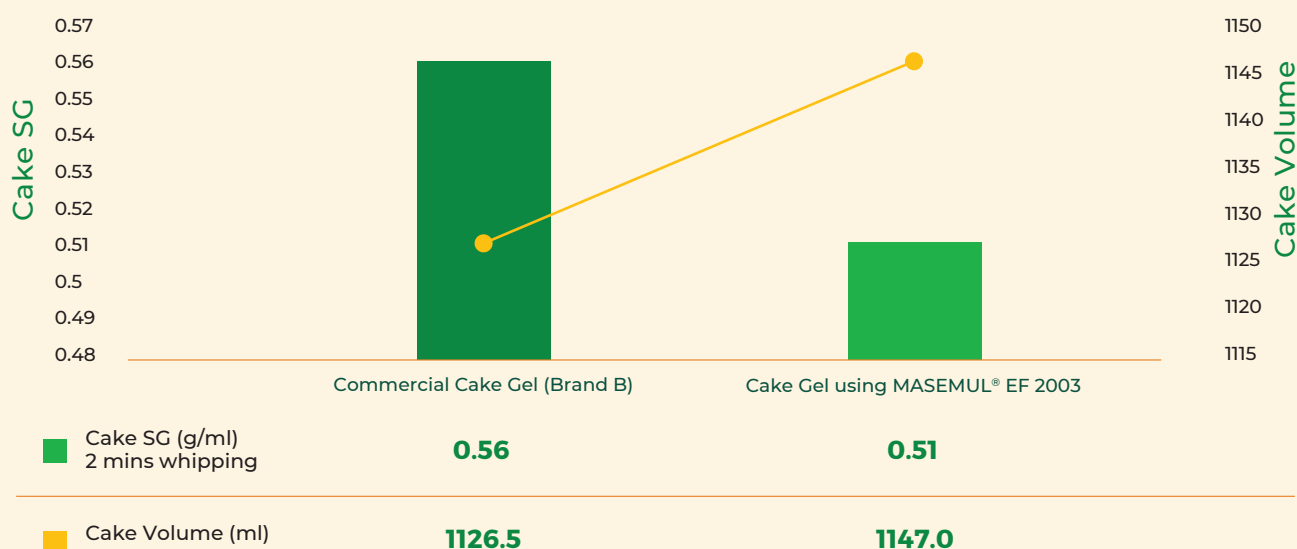




Cake Gel Aeration Ability

The evaluation were conducted using a basic sponge cake recipe at 5% cake gel. Alpha-gel produced using MASEMUL® EF 2003 activates immediately during the mixing stage in 'all-in-method'.

Evaluation of Cake Gel using MASEMUL® EF 2003 in comparison with Commercial Cake Gel



Crumb Structure Comparison

Observation	Commercial Cake Gel (Brand B)	Cake Gel using MASEMUL® EF 2003
Images		

Cake Gel Appearance made by using MASEMUL® EF 2003



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The information contained herein is to our best knowledge true and accurate, but all recommendations or suggestions are made without guarantee since we can neither anticipate or control the different conditions under which this information and our products are used.

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