

# GRAS Flavoring Substances 32

**32. GRAS Flavoring Substances.** This list of substances will appear in the 32<sup>nd</sup> publication authored by the Expert Panel of the Flavor and Extract Manufacturers Association on recent progress in the consideration of flavoring ingredients “generally recognized as safe” (GRAS) under conditions of their intended use in food flavorings in accordance with the 1958 Food Additives Amendment to the Federal Food, Drug and Cosmetic Act. For more information on FEMA GRAS see “About the FEMA GRAS Program” on the FEMA website.

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*The Expert Panel of the Flavor and Extract Manufacturers Association of the United States (FEMA) has evaluated substances for GRAS status under their conditions of intended use as flavoring substances since the early 1960s. The regulations of the U.S. Food and Drug Administration (FDA), and U.S. law, require that determinations that flavor substances and other food ingredients are “generally recognized as safe” (GRAS) be done in such a way that all information related to GRAS determinations is publicly available. The FEMA Expert Panel has met this requirement by publishing the identity of all flavoring substances determined to be GRAS by the Panel, and submits all information related to the GRAS reviews on these substances to the FDA. The key findings related to the GRAS evaluations of these substances will be available in GRAS 32. The Expert Panel also publishes separate extensive reviews of scientific information on all FEMA GRAS flavoring substances in the peer-reviewed scientific literature on the safety of structurally-related groups of flavoring substances. These important actions assure that there is “general recognition” of the safety of these substances when used as flavors.*

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Table 1. Primary names (in boldface) Synonyms (in lightface)

<b>FEMA No.</b>	<b>Primary Names and Synonyms</b>
5030	<b>4-(<i>l</i>-Menthoxy)-2-methyl-2-butanol</b>
5035	<b>Brazzein</b>

Table 2. Average Usual Use Levels (ppm)/Average Maximum Use Levels (ppm) for new FEMA GRAS Flavoring Substances on which the FEMA Expert Panel based its judgments that the substances are generally recognized as safe (GRAS)

	4-(1-Menthoxy)-2-methyl-2-butanol	Brazzein
Category/FEMA No.	5030	5035
Baked Goods		7/7
Beverages Type I, Non-Alcoholic	1/5	7/7
Beverages Type II, Alcoholic	1/5	7/7
Breakfast Cereals		7/7
Cheeses		
Chewing Gum	1/10	30/30
Condiments and Relishes		7/7
Confections and Frostings		7/7
Egg Products		
Fats and Oils		
Fish Products		
Frozen Dairy		7/7
Fruit Ices		7/7
Gelatins and Puddings		7/7
Granulated Sugar		
Gravies	1/5	
Hard Candy		7/7
Imitation Dairy Products		7/7
Instant Coffee and Tea	1/5	7/7
Jams and Jellies		7/7
Meat Products		
Milk Products		7/7
Nut Products		7/7
Other Grains		7/7
Poultry Products		
Processed Fruits		7/7
Processed Vegetables		
Reconstituted Vegetable Protein		
Seasonings and Flavors		7/7
Snack Foods		7/7
Soft Candy	1/5	7/7
Soups	1/5	7/7
Sugar Substitutes		
Sweet Sauces		7/7