

## Ingredients and Processes Exempt from Brewery Formula Requirements Under TTB Ruling 2015–1

December 5, 2024  
TTB Ruling 2015-1, Attachment 1

***Industry members are responsible for ensuring that all ingredients, including any parts of fruit, used in the production of malt beverages or beer are wholesome products suitable for human food consumption and comply with applicable ingredient safety regulations of the Food and Drug Administration.***

***\* Denotes ingredients added or expanded since issuance of TTB Ruling 2015-1. See TTB Industry Circular 2024-2.***

INGREDIENT	DESCRIPTION/LIMITATION
AGAVE	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
ALLSPICE	As outlined in FDA’s GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
ALMONDS*	<b>Does not</b> include extracts, essential oils, or syrups.
ANISE	As outlined in FDA’s GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
APPLES	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
APRICOTS	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
BANANAS*	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
BASIL	Includes bush basil and sweet basil, as outlined in FDA’s GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
BEETS*	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
BILBERRIES	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
BLACKBERRIES	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
BLUEBERRIES	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
BLACK CURRANTS	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups. <i>Also see RED CURRANTS</i>
BLOOD ORANGES	Whole, juice, puree, concentrate, peel, or zest. <b>Does not</b> include extracts, essential oils, or syrups.
BOYSENBERRIES	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.

BROWN SUGAR	When brewers use brown sugar in the fermentation of a malt beverage, the designation is not required to refer to the ingredient. Instead, the malt beverage may be labeled as a “beer” or “ale” and so forth.
CAMOMILE (CHAMOMILE)	Includes English, Roman, German, and Hungarian, as outlined in FDA’s GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
CANDY (CANDI) SUGAR	When brewers use candy/candi sugar in the fermentation of a malt beverage, the designation is not required to refer to the ingredient. Instead, the malt beverage may be labeled as a “beer” or “ale” and so forth.
CANTALOUPE*	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
CAPSICUM	As outlined in FDA’s GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
CARAWAY, BLACK CARAWAY (BLACK CUMIN)	Includes caraway, black caraway (black cumin), as outlined in FDA’s GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
CARDAMOM (CARDAMON)	As outlined in FDA’s GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
CARROTS*	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
CASSIA	Includes Chinese, Padang, Batavia, and Saigon cassias, as outlined in FDA’s GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
CHERRIES	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
CHICORY	Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
CHOCOLATE	<b>Does not</b> include extracts, essential oils, or syrups. Brewers may make non-misleading references to the use of chocolate malt by designating a product as, for example, “chocolate stout,” even though it contains no added chocolate.
CINNAMON	Includes Ceylon, Chinese, and Saigon cinnamons, as outlined in FDA’s GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
CLEMENTINE	Whole, juice, puree, concentrate, peel, or zest. <b>Does not</b> include extracts, essential oils, or syrups.
CLOVE	Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
COCOA	Includes cocoa powder or cocoa nibs. <b>Does not</b> include extracts, essential oils, or syrups.
COCONUT	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
COFFEE	Coffee beans, coffee grounds, or coffee brewed with water. <b>Does not</b> include extracts, essential oils, or syrups.
CORIANDER	As outlined in FDA’s GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.

CRANBERRIES	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
CUCUMBERS*	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
CUMIN (CUMMIN), BLACK CUMIN (BLACK CARAWAY)	Includes cumin (cummin) and black cumin (black caraway), as outlined in FDA's GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
DANDELION LEAVES (ALSO KNOWN AS DANDELION GREENS)*	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
DATES	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
DILL*	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
DRAGON FRUIT*	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
ELDERBERRIES*	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
ELDER FLOWERS	As outlined in FDA's GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
FIGS	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
GINGER	As outlined in FDA's GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
GRAINS OF PARADISE	As outlined in FDA's GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
GRAPES	Whole, juice, puree, concentrate, or grape must. <b>Does not</b> include extracts, essential oils, or syrups. <b>REMINDER:</b> As set forth in the ruling, any exemption from the formula requirement applies only when used in the production of a malt beverage as defined at <u>27 CFR 7.10</u> .
GRAPEFRUIT	Whole, juice, puree, concentrate peel, or zest. <b>Does not</b> include extracts, essential oils, or syrups.
GUAVA*	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
HAZELNUTS*	<b>Does not</b> include extracts, essential oils, or syrups.
HIBISCUS	Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
HONEY	<b>Does not</b> include extracts, essential oils, or syrups.
HUCKLEBERRIES	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
JASMINE	Spices may be whole or ground. <b>Does not include extracts, essential oils, or syrups.</b>
JUNIPER BERRIES	Spices may be whole or ground. <b>Does not include extracts, essential oils, or syrups.</b>
KALE	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.

KIWI	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
KUMQUAT	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
LACTOSE	When brewers use lactose in the production of a malt beverage, the designation is not required to refer to the ingredient. Instead, the malt beverage may be labeled as a “beer” or “ale” and so forth.
LAVENDER*	Both lavender and spike lavender. Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
LEMONS	Whole, juice, puree, concentrate, peel, or zest. <b>Does not</b> include extracts, essential oils, or syrups.
LEMON GRASS	Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
LIME	Whole, juice, puree, concentrate, peel, or zest. <b>Does not</b> include extracts, essential oils, or syrups.
LYCHEE FRUIT*	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
MACE	As outlined in FDA’s GRAS listing at <a href="#">21 CFR 182.10</a> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
MANGO	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
MARIONBERRIES	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
MAPLE SUGAR/SYRUP	When brewers use maple sugar/syrup in the fermentation of a malt beverage, the designation is not required to refer to the ingredient. Instead, the malt beverage may be labeled as a “beer” or “ale” and so forth.
MOLASSES/BLACKSTRAP MOLASSES	When brewers use molasses/blackstrap molasses in the fermentation of a malt beverage, the designation is not required to refer to the ingredient. Instead, the malt beverage may be labeled as a “beer” or “ale” and so forth.
NECTARINE	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
NUTMEG	As outlined in FDA’s GRAS listing at <a href="#">21 CFR 182.10</a> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
ORANGES	Whole, juice, puree, concentrate, peel, or zest. <b>Does not</b> include extracts, essential oils, or syrups.
ORANGE BLOSSOM/FLOWER	Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
OYSTERS/OYSTER SHELLS	Whole oysters, juice, or puree. <b>Does not</b> include extracts, essential oils, or syrups. Oyster shells may be used when consistent with good commercial practice.
PAPAYA*	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
PASSIONFRUIT	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
PEARS	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.

PEACHES	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
PEANUTS*	<b>Does not</b> include extracts, essential oils, or syrups.
PECANS*	<b>Does not</b> include extracts, essential oils, or syrups.
PEPPER, BLACK OR WHITE	Includes black pepper and white pepper, as outlined in FDA's GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
PEPPER, CAYENNE OR RED	Includes cayenne peppers and red peppers, as outlined in FDA's GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
PEPPERS	Includes hot, chili and bell peppers. Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
PEPPERMINT	As outlined in FDA's GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
PINEAPPLE	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
PISTACHIOS*	<b>Does not</b> include extracts, essential oils, or syrups.
PLUM	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
POMEGRANATE	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
PRICKLY PEAR FRUIT*	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
PUMPKINS	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
RAISINS	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
RASPBERRIES	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
RED CURRANTS	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups. <i>Also see BLACK CURRANTS</i>
RHUBARB*	Whole, juice, puree, or concentrate of rhubarb stalks or stems. <b>Does not</b> include extracts, essential oils, or syrups.
ROSE HIP*	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
ROSEMARY	As outlined in FDA's GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
SAFFRON	As outlined in FDA's GRAS listing at <u>21 CFR 182.10</u> . <i>Exempt when used only as a flavor and not exclusively as a coloring material.</i> Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
SAGE, GREEK SAGE	As outlined in FDA's GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
SODIUM CHLORIDE	When brewers use sodium chloride in the fermentation or flavoring of a malt beverage, the designation is not required to refer to the ingredient. Instead, the malt beverage may be labeled as a "beer" or "ale" and so forth.
SPEARMINT	As outlined in FDA's GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.

SPRUCE*	Includes tips, needles, and twigs of the species <i>Picea glauca</i> (Moench) Voss or <i>P. mariana</i> (Mill.) BSP. See <u>21 CFR 172.510</u> . <b>Does not</b> include extracts, essential oils, or syrups.
STAR ANISE	As outlined in FDA's GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
STRAWBERRIES	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
SWEET POTATOES	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
TANGERINE	Whole, juice, puree, concentrate, peel, or zest. <b>Does not</b> include extracts, essential oils, or syrups.
TEA*	Includes all varieties of leaves of <i>Camellia sinensis</i> , whether whole or ground. Includes Earl Grey tea when the only additional ingredient(s) are dried bergamot orange peel and/or bergamot extract or oil. <b>Does not</b> include tea extracts, essential oils, or syrups. <b>REMINDER:</b> as set forth in the ruling, the exemption from any formula requirement applies only when used in the production of a malt beverage as defined at <u>27 CFR 7.10</u> , and would not apply to products (such as many kombucha products) fermented solely from tea and sugar, which are beer under the IRC, but is not a "malt beverage."
THYME/WILD OR CREEPING THYME	Includes thyme and wild or creeping thyme, as outlined in FDA's GRAS listing at <u>21 CFR 182.10</u> . Spices may be whole or ground. <b>Does not</b> include extracts, essential oils, or syrups.
VANILLA	As outlined in FDA's GRAS listing at <u>21 CFR 182.10</u> . <b>REMINDER:</b> As set forth in the ruling, the exemption of vanilla from the formula requirement applies only to the use of vanilla in the form of whole or crushed vanilla beans. <b>Does not</b> include vanilla powders, extracts, essential oils, or syrups.
WALNUTS*	<b>Does not</b> include extracts, essential oils, or syrups.
WATERMELON	Whole, juice, puree, or concentrate. <b>Does not</b> include extracts, essential oils, or syrups.
YUZU	Whole, juice, puree, concentrate, peel, or zest. <b>Does not</b> include extracts, essential oils, or syrups.

## Processes Determined to be Exempt

*Industry members may use woodchips, staves, or spirals derived from barrels that were previously used in the production or storage of distilled spirits or wine as part of the process of aging beer, as well as woodchips previously used in the aging of distilled spirits or wine, provided that this process does not add any discernible quantity of distilled spirits or wine to the beer.*

- Aging beer in plain barrels or with plain woodchips, spirals or staves made of any type of wood.
- Aging beer in barrels, containing no discernible quantity of wine or distilled spirits, that were previously used in the production or storage of wine or distilled spirits.
- Aging beer with woodchips, spirals or staves derived from barrels, containing no discernible quantity of wine or distilled spirits, that were previously used in the production or storage of wine or distilled spirits, or with woodchips, containing no discernible quantity of wine or distilled spirits, that were previously used in the aging of wine or distilled spirits.