

**§ 24.242 Authority to use greater quantities of decolorizing material in juice or wine.**

(a) *Proprietor's notice.* If the proprietor desires to remove color from juice prior to fermentation or if color in excess of that normally present in wine develops during the production or storage of a particular lot or lots, and if the proprietor desires to use activated carbon in excess of twenty-five pounds per 1,000 gallons (3.0 grams per liter) of juice or wine to remove this color, the proprietor, prior to starting the treatment, shall submit to the appropriate TTB officer a written notice for each lot of juice or wine to be treated for decolorization. The written notice will state

- (1) The reason for the treatment;
- (2) The volume, kind, and type of juice or wine to be treated;
- (3) The kind and quantity of decolorizing material to be used; and,
- (4) The length of time the decolorizing material is in contact with the juice or wine.

(b) *Action by the appropriate TTB officer on proprietor's notice.* Upon receipt of the proprietor's notice, the appropriate TTB officer may require the proprietor to submit samples representative of the lot of juice or wine for examination by the TTB laboratory.

(c) *Samples and chemical analysis—(1) Samples.* If the appropriate TTB officer requires samples under paragraph (b) of this section, the proprietor shall prepare samples representative of the lot of juice or wine for examination. The samples will consist of:

- (i) The juice or wine before treatment with decolorizing material,
- (ii) The juice or wine after treatment with decolorizing material, and
- (iii) The decolorizing material used.

(2) *Chemical analysis.* If the TTB chemical analyses of the samples shows that the proposed treatment would remove only color and will not remove the vinous characteristics of the wine, the appropriate TTB officer will return an approved copy of the proprietor's written notice. If the TTB chemical analysis shows that the proposed treatment is not acceptable, the appropriate TTB officer will send the proprietor a letter stating the reason(s) for disallowing the proposed treatment. (Sec.

201, Pub. L. 85-859, 72 Stat. 1383, as amended (26 U.S.C. 5382))

(Approved by the Office of Management and Budget under control numbers 1512-0292 and 1512-0298)

[T.D. ATF-299, 55 FR 24989, June 19, 1990, as amended by T.D. ATF-409, 64 FR 13683, Mar. 22, 1999]

**§ 24.243 Filtering aids.**

Inert fibers, pulps, earths, or similar materials, may be used as filtering aids in the cellar treatment and finishing of wine. Agar-agar, carrageenan, cellulose, and diatomaceous earth are commonly employed inert filtering and clarifying aids. In general, there is no limitation on the use of inert materials and no records need be maintained concerning their use. However, if the inert material is dissolved in water prior to addition to wine, then the records required by § 24.301 will be maintained. Filtering aids which contain active chemical ingredients or which may alter the character of wine, may be used only in accordance with the provisions of § 24.246. (Sec. 201, Pub. L. 85-859, 72 Stat. 1383, as amended (26 U.S.C. 5382))

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**§ 24.244 Use of acid to stabilize standard wine.**

Standard wine other than citrus wine, regardless of the fixed acid level, may be stabilized as a part of the finishing process by the addition of citric acid within the limitations of § 24.246. Standard wine (including citrus wine) may be stabilized by the addition of fumaric acid within the limitations of § 24.246. (Sec. 201, Pub. L. 85-859, 72 Stat. 1383, as amended (26 U.S.C. 5382))

**§ 24.245 Use of carbon dioxide in still wine.**

The addition of carbon dioxide to (and retention in) still wine is permitted if at the time of removal for consumption or sale the still wine does not contain more than 0.392 grams of carbon dioxide per 100 milliliters of wine. However, a tolerance of not more than 0.009 grams per 100 milliliters to the maximum limitation of carbon dioxide in still wine will be allowed

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where the amount of carbon dioxide in excess of 0.392 grams per 100 milliliters is due to mechanical variations which can not be completely controlled under good commercial practice. A tolerance will not be allowed where it is found that the proprietor continuously or intentionally exceeds 0.392 grams of carbon dioxide per 100 milliliters of wine or where the variation results from the use of methods or equipment determined by the appropriate TTB officer not in accordance with good commercial practice. The proprietor shall determine the amount of carbon dioxide added to wine using authorized test procedures. Penalties are provided in 26 U.S.C. 5662 for any person who, whether by manner of packaging or advertising or by any other form of representation, misrepresents any still wine to be effervescent wine or a substitute for effervescent wine. (Sec. 201, Pub. L. 85-859, 72 Stat. 1331, as amended, 1381, as amended, 1407, as amended (26 U.S.C. 5041, 5367, 5662))

[T.D. ATF-299, 55 FR 24989, June 19, 1990, as amended by T.D. ATF-409, 64 FR 13683, Mar. 22, 1999]

§ 24.246 Materials authorized for the treatment of wine and juice.

(a) *Wine*. Materials used in the process of filtering, clarifying, or purifying wine may remove cloudiness, precipitation, and undesirable odors and flavors,

but the addition of any substance foreign to wine which changes the character of the wine, or the abstraction of ingredients which will change its character, to the extent inconsistent with good commercial practice, is not permitted on bonded wine premises. The materials listed in this section are approved, as being consistent with good commercial practice in the production, cellar treatment, or finishing of wine, and where applicable in the treatment of juice, within the general limitations of this section: *Provided*, That:

(1) When the specified use or limitation of any material on this list is determined to be unacceptable by the U.S. Food and Drug Administration, the appropriate TTB officer may cancel or amend the approval for use of the material in the production, cellar treatment, or finishing of wine; and

(2) Where water is added to facilitate the solution or dispersal of a material, the volume of water added, whether the material is used singly or in combination with other water based treating materials, may not total more than one percent of the volume of the treated wine, juice, or both wine and juice, from which such wine is produced.

(b) *Formula wine*. In addition to the material listed in this section, other material may be used in formula wine if approved for such use.

MATERIALS AUTHORIZED FOR TREATMENT OF WINE AND JUICE

Materials and use	Reference or limitation
Acacia (gum arabic): To clarify and to stabilize wine .....	The amount used shall not exceed 2 lbs/1000 gals. (0.24 g/L of wine. 21 CFR 184.1330 (GRAS) *See footnote below.
Acetaldehyde: For color stabilization of juice prior to concentration.	The amount used must not exceed 300 ppm, and the finished concentrate must have no detectable level of the material. 21 CFR 182.60 (GRAS).
Activated carbon:	
To assist precipitation during fermentation .....	27 CFR 24.176. GRAS per FDA advisory opinion dated 1/26/79.
To clarify and to purify wine .....	The amount used to clarify and purify wine shall be included in the total amount of activated carbon used to remove excessive color in wine. 27 CFR 24.241 and 24.242 (GRAS).
To remove color in wine and/or juice from which the wine was produced.	The amount used to treat the wine, including the juice from which the wine was produced, shall not exceed 25 lbs/1000 gal. (3.0 g/L). If the amount necessary exceeds this limit, a notice is required pursuant to 27 CFR 24.242 (GRAS).
Albumen (egg white): Fining agent for wine .....	May be prepared in a light brine 1 oz. (28.35 grams) potassium chloride, 2 lbs (907.2 grams) egg white, 1 gal. (3.785 L) of water. Usage not to exceed 1.5 gals. of solution per 1,000 gals. of wine. (GRAS).
Alumino-silicates (hydrated) e.g., Bentonite (Wyoming clay) and Kaolin: To clarify and to stabilize wine or juice.	21 CFR §§ 182.2727, 182.2729, 184.1155 (GRAS) and 186.1256. GRAS per FDA advisory opinion dated July 26, 1985.
Ammonium phosphate ( <i>mono</i> - and <i>di</i> basic): Yeast nutrient in wine production and to start secondary fermentation in the production of sparkling wines.	The amount used shall not exceed 8 lbs. per 1000 gals. (0.96 g/L) of wine. 21 CFR 184.1141 (GRAS).