tartaric acid to determine the maximum quantity of ameliorating material allowed. In addition, when using tartaric acid to reduce the pH of ameliorated grape juice or wine, the pH cannot be reduced below 3.0.

(b) **Grape wine.** Tartaric acid or malic acid, or a combination of tartaric acid and malic acid, may be added prior to or during fermentation, to grapes or juice from grapes. In addition, after fermentation is completed, citric acid, fumaric acid, malic acid, lactic acid or tartaric acid, or a combination of two or more of these acids, may be added to correct natural deficiencies. However, the use of these acids, either prior to, during or after fermentation, may not increase the fixed acid level of the finished wine (calculated as tartaric acid) above 9.0 grams per liter. In cases where the wine contains 8.0 or more grams of total solids per 100 milliliters of wine, acids may be added to the extent that the finished wine does not contain more than 11.0 grams per liter of fixed acid (calculated as tartaric acid).

(c) **Fruit wine.** Only citric acid may be added to citrus fruit, juice or wine, only malic acid may be added to apples, apple juice or wine, and only citric acid or malic acid may be added to other fruit (including berries) or to juice or wine derived from other fruit (including berries) to correct natural deficiencies to 9.0 grams per liter of finished wine; however, if the wine contains 8.0 or more grams of total solids per 100 milliliters of wine, acids may be added to correct natural deficiencies to the extent that the finished wine does not contain more than 11.0 grams per liter of fixed acid (calculated as malic acid for apples and citric acid for other fruit (including berries).

(d) **Other use of acid.** A winemaker desiring to use an acid other than the acids allowed in paragraphs (a) and (b) of this section to correct natural deficiencies shall follow the procedure prescribed in §24.250. A winemaker desiring to use acid to stabilize standard wine shall follow the requirements prescribed by §24.244. (Sec. 201, Pub. L. 85–859, 72 Stat. 1383, as amended (26 U.S.C. 5382))


§ 24.183 Use of distillates containing aldehydes.

Distillates containing aldehydes may be received on wine premises for use in the fermentation of wine and then returned to the distilled spirits plant from which distillates were withdrawn as distilling material. Distillates produced from one kind of fruit may not be used in the fermentation of wine made from a different kind of fruit. Distillates containing aldehydes which are received at bonded wine premises and not immediately used will be placed in a locked room or tank on bonded wine premises. Distillates containing aldehydes may not be mingled with wine spirits. If the distillates contain less than 0.1 percent of aldehydes, the proprietor shall comply with any additional condition relating to the receipt, storage, and use which the appropriate TTB officer may require to assure that the distillates are properly used and accounted for. (Sec. 201, Pub. L. 85–859, 72 Stat. 1381, as amended, 1382, as amended, 5367, 5373))


§ 24.184 Use of volatile fruit-flavor concentrate.

(a) **General.** In the cellar treatment of natural wine of the winemaker's own production there may be added volatile fruit-flavor concentrate produced from the same kind of fruit or from the same variety of berry or grape so long as the proportion of volatile fruit-flavor concentrate added to the wine does not exceed the equivalent proportion of volatile fruit-flavor concentrate of the original juice or must from which the wine was produced.

(b) **Use of juice or must from which volatile fruit-flavor has been removed.** Juice, concentrated fruit juice, or must processed at a concentrate plant is considered to be pure juice, concentrated fruit juice, or must even though volatile fruit-flavor has been removed if, at a concentrate plant or at bonded wine premises...