

acid, not less than one and six-tenths (1.6) grams of apple solids, of which not more than fifty (50) per cent are reducing sugars, and not less than twenty-five hundredths (0.25) gram of apple ash in one hundred (100) cubic centimeters (20°C.); and the water-soluble ash from one hundred (100) cubic centimeters (20°C.) of the vinegar contains not less than ten (10) milligrams of phosphoric acid (P_2O_5) and requires not less than thirty (30) cubic centimeters of decinormal acid to neutralize its alkalinity.

2. *Wine or grape vinegar.* Wine vinegar, grape vinegar, is the product made by the alcoholic and subsequent acetous fermentations of the juice of grapes and contains, in one hundred cubic centimeters (20°C.), not less than four (4) grams of acetic acid, not less than one (1.0) gram of grape solids, and not less than thirteen hundredths (0.13) gram of grape ash.

3. *Malt vinegar.* Malt vinegar is the product made by the alcoholic and subsequent acetous fermentations, without distillation, of an infusion of barley malt or cereals whose starch has been converted by malt, is dextro-rotatory, and contains, in one hundred (100) cubic centimeters (20°C.), not less than four (4) grams of acetic acid, not less than two (2) grams of solids, and not less than two-tenths (0.2) gram of ash; and the water-soluble ash from one hundred (100) cubic centimeters (20°C.) of the vinegar contains not less than nine (9) milligrams of phosphoric acid (P_2O_5), and requires not less than four (4) cubic centimeters of decinormal acid to neutralize its alkalinity.

4. *Sugar vinegar.* Sugar vinegar is the product made by the alcoholic and subsequent acetous fermentations of solutions of sugar, syrup, molasses, or refiners' syrup, and contains, in one hundred (100) cubic centimeters (20°C.), not less than four (4) grams of acetic acid.

5. *Glucose vinegar.* Glucose vinegar is the product made by the alcoholic and subsequent acetous fermentations of solutions of starch sugar or glucose, is dextro-rotatory, and contains, in one hundred (100) cubic centimeters (20°C.), not less than four (4) grams of acetic acid.

6. *Spirit, distilled or grain vinegar.* Spirit vinegar, distilled vinegar, grain vinegar, is the product made by the acetous fermentations of dilute distilled alcohol, and contains, in one hundred (100) cubic centimeters (20°C.), not less than four (4) grams of acetic acid.

Butter.

1. *Butter.* Butter shall contain not less than eighty (80) per cent by weight of butterfat.

Approved April 13, A. D. 1907.

CHAPTER 179.

PURE FOOD.

H. F. 351.

AN ACT to amend section thirteen (13), chapter one hundred and sixty-six (166), laws of the Thirty-first General Assembly, relating to appropriations for the enforcement of pure food law.

Be it enacted by the General Assembly of the State of Iowa:

SECTION 1. Appropriation for enforcement. Section thirteen (13), chapter one hundred and sixty-six (166), laws of the Thirty-first General Assembly, is hereby amended by striking out of the fourth and fifth lines thereof the words "ten thousand dollars (\$10,000)" and inserting in lieu thereof the following: "Fifteen thousand dollars (\$15,000)".

Approved April 4, A. D. 1907.