APPENDIX
FRUIT ETHERS

This name is given to the various ethers diluted with alcohol in various colors or less the aromas of various fruits. They are used in making liqueurs and especially jams. The principal ingredients of these products are: ethyl nitrate, ethyl acetate, ethyl butyrate, ethyl benzoate, amylnitrate, amylacetate, ethylamyl valerianate, ethylamyl capriniate, ethylamyl benzoate, ethylamyl salicylate.

The formula for the principal fruit ethers are as follows:

1. **Pineapple Ether**: Ethyl butyrate 25 grams, ethylamyl valerianate 135 grams, chloroform 5 grams, aldehyde 5 grams, alcohol 830 grams.

2. **Apple Ether**: Ethyl nitrate 50 grams, ethyl acetate 50 grams, ethylamyl valerianate 100 grams, glycerine 40 grams, aldehyde 7.5 grams, chloroform 7.5 grams, alcohol 745 grams.

3. **Apricot Ether**: Benzoic aldehyde 35 grams, ethylamyl butyrate 190 grams, chloroform 10 grams, alcohol 765 grams.

4. **Pear Ether**: Amyl acetate 200 grams, ethyl acetate 50 grams, ethyl nitrate 100 grams, glycerine 20 grams, alcohol 630 grams.

5. **Strawberry Ether**: Amyl acetate 27 grams, ethylamyl valerianate 18 grams, ethylamyl butyrate 9 grams, ethylamyl formate 9 grams, ethylacetate 15 grams, violet oil 7 grams, alcohol 915 grams.

6. **Raspberry Ether**: Pear ether 60 grams, chloroform 15 grams, ethyl acetate 9 grams, rose oil 6 drops, oil of lemon 2 drops, oil of sweet orange 2 drops, tincture of violet 100 grams, tincture of raspberry 600 grams, alcohol 216 grams.

7. **Cherry Ether**: Amyl acetate 15 grams, ethylamyl butyrate 8 grams, benzoic aldehyde 10 grams, cinnamon oil 2 grams, oil of lemon 2 grams, oil of cloves 2 grams, oil of sweet orange 1 gram, alcohol 960 grams.
(8) *Peach Ether*: Ethylamylvalerianate 100 grams, ethyl-
amylbutyrate 100 grams, ethylacetate 20 grams, benzoin aldehyde 40 grams, alcohol 770 grams.

Several of the higher fatty aldehydes are also used in the blending of fruit ethers. In commerce they are known under the names strawberry aldehyde, peach aldehyde, etc.