

Medicated Wines.

Dieterich, in the last issue of his *Pharmaceutische Manual*, gives a number of formulae for the preparation of medicated wines. Few, if any, of these can be regarded as tipples, but all are peculiar for the fact that the wine from which they are made is detannated. We give a selection of the more important formulae for articles which should be saleable if put up in attractive form and brought before customers in a nice way.

CASCARA SAGRADA WINE.

White gelatin in strips... 15 grains
Distilled water..... 2½ drachms
Dissolve by the aid of heat, and add to -
Sherry wine..... 28 oz.
Shake well, set aside for some time, then add

Tasteless fluid extract of
cascara sagrada..... 1½ oz.
Sugar 1½ oz.
Set aside in a cool place for eight days, and filter.

A similar wine, not free from the bitter principle of the bark, may be made by macerating 1½ oz. of cascara sagrada and 1½ oz. of sugar in 30 oz. of sherry, for eight days, and filtering. A *Rhamnus frangula* wine can be made in the same way.

CINCHONA WINE.

White gelatin..... 15 grains
Distilled water..... 2½ drachms
Sherry wine..... 18 oz.
Detannate in the manner above described ; then add—

Simple syrup..... 6 oz.
Tincture of cinchona..... 6 oz.

After eight days, filter.

May also be made with red wine, or direct from the bark, the quantities being :

Gelatine 15 grains
Distilled water.. 2½ drachms
Sherry wine..... 30 oz.
Cinchona bark, in coarse
powder 10 drachms
Sugar..... 1½ oz.

Macerate for eight days, and filter.

In this case, care must be taken to have the gelatine and wine reaction complete before adding the cinchona, otherwise the alkaloid may be thrown out by the tannin of the wine.

IMPROVED QUININE WINE.

Gelatine 15 grains
Distilled water..... 2½ drachms

Dissolve and add to -

Sherry wine..... 29½ oz.

Shake, and set aside to clear ; then add the following solution :

Hydrochlorate of quinine 30 grains
Dilute hydrochloric acid 30 drops
Water..... ½ oz.

After a week filter

This is double the strength given by Dieterich, as our inland revenue requires 1 grain of quinine per oz. to be contained in the wine, if sold without a license.

PERSIN WINE.

White gelatine, in strips 15 grains
Distilled water..... 2½ drachms
White wine..... 25 oz.

Detannate as described. At the same time mix together—

Pepsin..... 7 drachms
Glycerine 6 drachms
Distilled water 6 drachms

Add to the wine along with 40 minims of hydrochloric acid ; macerate for eight days, shaking occasionally ; then filter.

SENNA WINE.

Alexandrian senna leaves..... 1½ oz.
Sherry wine..... 27 oz.

Macerate for eight days, press, and strain ; then add 5 grains of gelatine dissolved in 2½ drachms of distilled water, and then the following :

Tincture of orange peel.... 1 oz.
" ginger..... ½ oz.
Aromatic tincture..... 80 minims
Honey..... 2 oz.

Again allow to stand for ten days, and filter.

This wine is an excellent aperient for persons suffering from hemorrhoids. It should be taken in tablespoonfuls, according to the effect desired.—*Chemist and Druggist*.

Notes and Queries.

W. R., Toronto, writes: "A few days ago I had occasion to prepare the following prescription and obtained results which I do not understand, and will be very glad if you can enlighten me :

R Tr. Ferri Perchlor..... 4 drs.
Ac. phosph. dil 3 drs.
Aqua ad..... 2 ozs.

Mix.

"On adding the acid and the tincture a considerable quantity of precipitate was thrown down, and in no way could I prevent this, although I tried diluting it, etc. Can this be satisfactorily dispensed so as to form a clear mixture?"

Ans.—Pure acid phosphoric dil. B. P., that is ortho-phosphoric acid with tincture of iron will give a perfectly bright solution free from precipitate. The probable difficulty is that your acid contains more or less meta-phosphoric acid, as commercial acid phosph. dil. frequently does, in which case it will give a copious precipitate which cannot be avoided in any way, but if materials are pure no difficulty should be experienced.

"Aloes," Hamilton, asks, "How should the following prescription be dispensed" :

R Potass. chlor..... 1 dr.
Soda bicarb..... 2 dr.
Soda bibor..... 2 dr.
Glycerin 1 oz.
Aqua ad..... 4 oz.

Mix.

"In adding the glycerin sudden effervescence takes place. Is there any chemical action? If so, what? I found that the absence of chlorate of potash did not prevent this."

Ans.—The chlorate of potash takes no part in the chemical change which takes place. The glycerin, acting on the borax, forms boric acid and sodium metaborate, then the boric acid, acting on the bicarbonate of sodium, causes the effervescence. C. O₂ being given off. It ought to be dispensed in a mortar or open vessel, then when effervescence ceases pour into the bottle

E. M. D., P. E. Island. — The article mentioned was, as you may observe, a clipping from an exchange, but on testing the matter find it does not act as stated. Thanks for your favorable opinion of the *Druggist*.

M., Hamilton. — No, as we understand it the recognition of the Ontario College diplomas by the State Boards mentioned does not necessitate a mutual recognition by the Ontario Council of the diplomas from the other colleges.

Salol is now given internally with highly satisfactory results for gonorrhoea.

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