

PHARMACEUTICAL FORMULAS

PROPOSED FOR A. PH. A. RECIPE BOOK.

A complete list of these Proposed Formulas since February 1912 was published in an index in the December 1916 number of the JOURNAL. The Committee will continue its work in monthly instalments in this Department of the JOURNAL. Members of the A. Ph. A. are earnestly requested to send suitable formulas and also criticisms of those published to the Chairman.

Otto Raubenheimer, Brooklyn, N. Y.

Contributed by the Chairman:

TINCTURAE-TINCTURES.

The German and other foreign pharmacopoeias still cling to the old method of preparing tinctures by maceration. The ground drug is macerated with the prescribed menstruum in a well stoppered bottle at room temperature with frequent agitation, during one week. The mixture is then strained and the marc is expressed. Last the tincture is filtered, avoiding loss menstruum through evaporation.

This time-honored method has the decided disadvantage that the *exact quantity of the finished tincture is not prescribed*. In the opinion of the author this method can be replaced to great advantage in American pharmacy by our up-to-date method of percolation, whereby a definite quantity of tincture is obtained. It is therefore suggested that in the formulas for Tinctures of foreign pharmacopoeias, the alternative method of percolation can be used and the percolation can be continued until the required volume or weight of finished tincture is obtained. It is, of course, understood that the structure of some of the drugs do not permit percolation, and that in such cases the tincture must be prepared by maceration.

No. 615.

TINCTURA ALOES COMPOSITA.

Compound Tincture of Aloes.

Elixir ad longam vitam.

Elixir amarum Hjaerleri.

Long Life Elixir-Swedish Elixir.

D. A.-B. V.

Aloe.....	6 Gm.
Zedoaria N. F. IV.....	
Crocus N. F. IV.....	
Rhubarb.....	
Gentian, of each.....	1 Gm.
Alcohol, 68%.....	200 Gm.

Compound Tincture of Aloes has a reddish brown color, a Saffron odor and a bitter and spicy taste.

1 mil of the tincture imparts a distinct yellow color to 500 mils of water. (Presence of crocus.)

Besides the synonyms given above, the following names also apply: Elixir Sacrum, Elixir Suecicum or Elixir Jernitzii.

It is a favorite preparation among foreigners and is called for under such names as Lebenselixir, Lebensessenz and Lebenstropfen. In these compound words the name "Leben" is frequently corrupted into "Leber." Other

names are Magentropfen and Quinttropfen.

Manufacturers have taken advantage of this demand and have placed this tincture on the market as proprietary preparations under such names as: Hamburg, Altona, Augsburg, Sulzberger, Salzungen, Mariazeller, etc. Drops Tropfen, Essenz or Flusstinktur. The formula of these preparations is sometimes slightly modified.

No. 616.

TINCTURA CALAMI.

Tincture of Calamus.

D. A.-B. V.

Calamus, ground.....	100 Gm.
Alcohol, 68%.....	500 Gm.

Tincture of Calamus is yellowish brown and has a bitter and acrid taste.

No. 617.

TINCTURA GENTIANAE.

Tincture of Gentian.

D. A.-B. V.

Gentian, ground.....	100 Gm.
Alcohol, 68%.....	500 Gm.

Tincture of Gentian is yellowish brown and has a bitter taste.

No. 618.

TINCTURA COLOCYNTHIDIS.

Tincture of Colocynth.
Tincture of Bitter Apple.

D. A.—B. V.

Colocynth, deprived of the seeds and cut.....	100 Gm.
Alcohol, 90%.....	1000 Gm.
Tincture of Colocynth is yellow and has a very bitter taste. Keep separate.	
Maximum Single Dose.....	1 Gm.
Maximum Daily Dose.....	3 Gm.

No. 619.

TINCTURA ANGELICAE.

Tincture of Angelica Root.

E. B.

Angelica Root, N. F. IV, cut.....	100 Gm.
Alcohol, 68%.....	500 Gm.

A light brown tincture.

No. 620.

TINCTURA IPECACUANHAE.

Tincture of Ipecac.

Tinctura Ipecacuanhae P. I.

D. A.—B. V.

Contains at least 0.194 percent of alkaloids
calculated as Emetine ($C_{30}H_{44}O_4N_2 = 497.37$).
Ipecac, ground..... 100 Gm.
Alcohol, 68%..... 1000 Gm.

For assay consult the German Pharm-
acopoeia.

Tincture of Ipecac is light brown.

The addition of a granule of chlorinated
lime to a mixture of 5 drops of the tincture
and 10 drops of diluted hydrochloric acid
produces an orange yellow color.

If *Vinum Ipecacuanhae* is prescribed then the
pharmacist should dispense *Tinctura Ipecac-
uanhae* in place.

Keep separate.

No. 621.

TINCTURA ANTICHOLOERICA.

Tinctura Antidiarrhoica.

Cholera Drops.

E. B.

Oil of Peppermint.....	2 mils
Tincture of Cascarella (No. 640) ..	8 mils
Tincture of Opium.....	10 mils
Tincture of Krameria N. F. IV....	20 mils
Ethereal Tinct. of Valerian N. F. .	30 mils
Aromatic Tincture N. F.	30 mils
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To make.....	100 mils

Mix, set aside for 3 days and then filter.

A clear dark brown tincture of spicy taste
and odor.

No. 622.

TINCTURA AROMATICA ACIDA.

Acid Aromatic Tincture.

Elixir Vitrioli Mynsichti.

E. B.

Cinnamon.....	50 Gm.
Ginger.....	20 Gm.
Galanga N. F. IV.....	
Cardamom.....	
Clove, of each.....	10 Gm.
Hydrochloric Acid.....	20 Gm.
Alcohol, 68%.....	500 Gm.

Macerate the ground drugs in the liquids
and prepare a tincture.

A reddish brown tincture with a strong
spicy odor and acid taste.

No. 623.

TINCTURA CONDURANGO.

Tincture of Condurango.

E. B.

Condurango, N. F. cut.....	100 Gm.
Alcohol, 68%.....	500 Gm.

A clear yellowish brown liquid with a
peculiar taste.

No. 624.

TINCTURA AURANTII FRUCTUS IMMATURI.

Tincture of Unripe Orange.

Tincture of Orange Apples.

E. B.

Orange Apples, ground.....	100 Gm.
Alcohol, 68%.....	500 Gm.

A greenish brown tincture with a spicy
and bitter taste.

No. 625.

TINCTURA CARMINATIVA.

Carminative Tincture.

Tinctura Calami Composita.

E. B.

Zedoary N. F. IV, cut.....	16 Gm.
Calamus, cut.....	8 Gm.
Galanga, N. F. IV, cut.....	3 Gm.
Anthemis, ground.....	
Caraway, ground.....	
Anise, ground, of each.....	4 Gm.
Laurel Berries, ground.....	
Clove, ground, of each.....	3 Gm.
Mace, N. F. IV, ground.....	2 Gm.
Bitter Orange Peel, ground.....	1 Gm.
Alcohol, 68%.....	100 Gm.
Peppermint Water.....	100 Gm.

Prepare a tincture by maceration.

Before dispensing add:

Spirit of Nitrous Ether...10 percent.

A brown tincture of spicy odor and taste.

Note.—Laurel Berries or Fructus Lauri, D. A.—B. V. are the dried ripe fruit of *Laurus nobilis* Linné.

No. 626.

TINCTURA CASTOREI.

Tincture of Castor.

E. B.

Castor, in coarse powder..... 100 Gm.

Alcohol, 90%..... 1000 Gm.

Prepare by maceration.

A yellowish brown tincture.

No. 627.

TINCTURA CASTOREI AETHEREA.

Ethereal Tincture of Castor.

E. B.

Castor, in coarse powder..... 100 Gm.

Ether..... 250 Gm.

Alcohol, 90%..... 750 Gm.

Prepare by maceration.

A yellowish brown tincture with an ether odor.

No. 628.

TINCTURA CHINIOIDINI.

Tincture of Chinoidin.

E. B.

Chinoidin, in coarse powder..... 20 Gm.

Alcohol, 68%..... 170 Gm.

Hydrochloric Acid..... 10 Gm.

Prepare by maceration.

A dark brown tincture with a very bitter taste.

No. 629.

TINCTURA COCCINELLAR.

Tincture of Cochineal.

E. B.

Cochineal, in coarse powder..... 100 Gm.

Alcohol, 90%..... 1000 Gm.

Prepare by maceration.

A yellowish red tincture.

No. 630.

TINCTURA EUCALYPTI.

Tincture of Eucalyptus.

E. B.

Eucalyptus Leaves, cut..... 100 Gm.

Alcohol, 68%..... 500 Gm.

Prepare by maceration.

A greenish brown tincture.

No. 631.

TINCTURA GALANGAE.

Tincture of Galangal.

E. B.

Galanga N. F. IV, cut..... 100 Gm.

Alcohol, 68%..... 500 Gm.

Prepare by maceration.

A brown tincture with a sharp spicy taste.

No. 632.

TINCTURA GUAIACI LIGNI.

Tincture of Guaiac Wood.

E. B.

Guaiac Wood, cut..... 100 Gm.

Alcohol, 68%..... 500 Gm.

Prepare by maceration.

A dark brown tincture with an agreeable odor and somewhat acrid taste.

No. 633.

TINCTURA KALINA.

Tincture of Potassa. Kalitinktur.

E. B.

Potassium Hydroxide..... 10 Gm.

Dehydrated Alcohol..... 60 Gm.

Dissolve.

A colorless liquid which becomes brown.

Keep separate.

No. 634.

SUPPOSITORIA HAEMORRHOIDALIA.

Hemorrhoid Suppositories.

Pile Suppositories.

E. B.

Bismuth Subiodide..... 1.0 Gm.

Bismuth Subgallate..... 1.0 Gm.

Zinc Oxide..... 1.0 Gm.

Resorcinol..... 0.1 Gm.

Peru Balsam..... 0.5 Gm.

Oil of Theobroma..... 26.4 Gm.

Mix and divide into rectal suppositories, weighing 3 Gm. each.

No. 635.

SUPPOSITORIA ANTIHAEMORRHOIDALIA.

Suppositories against Hemorrhoids.

Anusol Style.

Lux.

Bismuth Iodotannate..... 3.75 Gm.

Bismuth Resorcinate..... 3.75 Gm.

Zinc Oxide..... 6.00 Gm.

Peru Balsam..... 1.50 Gm.
 Oil of Theobroma..... 19.00 Gm.
 Wax Ointment D. A.-B. V..... 2.50 Gm.
 (Formula No. 4, Vol. I, 170.)

Mix and divide into 12 rectal suppositories.

No. 636.

SUPPOSITORIA HAMAMELIDIS.
 Hamamelis Suppositories.
 Witch Hazel Suppositories.

E. B.

Pilular Extract of Hamamelis..... 1 Gm.
 Oil of Theobroma..... 19 Gm.

Mix and divide into 10 rectal suppositories.

No. 637.

SUPPOSITORIA OLEI CACAO ET GLYCERINI.
 Cacao Butter and Glycerin Suppositories.
 Lux.

Glycerinated Gelatin..... 1 Gm.
 Oil of Theobroma..... 2 Gm.

Melt the ingredients, mix well and pour into metal molds.

No. 638.

TINCTURA FERRI AROMATICA.
 Aromatic Tincture of Iron.
 E. B.

Liquid Dialyzed Iron..... 63 Gm.
 Syrup..... 300 Gm.
 Solution Sodium Hydroxide
 U. S. P..... 10.5 Gm.
 Alcohol 90%..... 165 Gm.
 Tincture Sweet Orange Peel..... 3 Gm.
 Aromatic Essence (No. 641)..... 1.5 Gm.
 Tincture of Vanilla..... 1.5 Gm.
 Acetic Ether..... 5 drops
 Distilled Water, a sufficient quantity,

To make..... 1000 Gm.

Mix the dialyzed iron and syrup and add at once a dilution of the solution of sodium hydroxide with 26.5 Gm. of water. Agitate well and add the balance of the water (429 Gm.) and the other ingredients.

Aromatic Tincture of Iron is a clear brown solution with an agreeable aromatic odor and taste.

It contains not less than 0.2% Fe.

No. 639.

TINCTURA AROMATICA AMARA.
 Aromatic-Bitter Tincture.
 E. B.

Aromatic Tincture N. F.
 Bitter Tincture, N. F., equal volume.

No. 640.

TINCTURA CASCARILLAE.
 Tincture of Cascarilla.
 E. B.

Cascarilla Bark..... 100 Gm.
 Alcohol, 68%..... 500 Gm.
 A reddish brown tincture.

No. 641.

SPIRITUS AROMATICUS.
 Aromatic Spirit.
 Aromatic Essence.
 E. B.

Coriander..... 50 Gm.
 Nutmeg.....
 Ceylon Cinnamon.....
 Marjoram.....
 Clove, of each..... 25 Gm.
 Alcohol, 90%..... 750 Gm.
 Water..... 850 Gm.

To make..... 1000 Gm.

The ground drugs are macerated with the menstruum for 24 hours, with occasional agitation. Then place the mixture into a still and distil 1000 Gm.

Aromatic Spirit is a colorless liquid with a sp. gr. 0.885 to 0.895.

It must not be confused with

Tinctura Aromatica
 Aromatic Tincture

which is official in D. A. B. and also in N. F.

No. 642.

TINCTURE FERRI COMPOSITA.
 Compound Tincture of Iron.
 Athenstaedt's Style.
 Lux.

Saccharated Ferric Oxide, N. F.
 IV..... 70 Gm.
 Distilled Water..... 570 Gm.
 Syrup..... 240 Gm.
 Alcohol, 90%..... 160 Gm.
 Aromatic Tincture N. F..... 1.5 Gm.
 Tincture Sweet Orange Peel..... 3 Gm.
 Tincture of Vanilla..... 1.5 Gm.
 Acetic Ether..... 5 drops

Dissolve the "Eisenzucker" in the water and add the other ingredients.

This is a simplified formula, which produces an elegant preparation.

Dose: A tablespoonful 3 times daily.
 Children in proportion.