

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.

FLAVORING EXTRACTS.

Contributed by Prof. W. L. Seoville, Detroit:
No. 391.

ALMOND.

Oil of Bitter Almond (free from hydrocyanic acid)..... 20 mls
Sherry Wine, N. F. IV..... 980 mls
Mix.

Note: Benzaldehyde may be used in place of the acid-free oil of bitter almond, and any white wine containing 18 to 20 percent of alcohol in place of sherry wine.

No. 392.

CELERY.

Oil of Celery..... 10 mls
Alcohol..... 650 mls
Water, a sufficient quantity,

To make.....1000 mls
Mix and filter.

No. 393.

CINNAMON.

Oil of Cinnamon..... 20 mls
Alcohol..... 700 mls
Water, a sufficient quantity,

To make.....1000 mls
Mix and filter.

No. 394.

CLOVE.

Oil of Clove..... 20 mls
Alcohol..... 600 mls
Water, a sufficient quantity,

To make.....1000 mls
Mix and filter.

No. 395.

GINGER, SOLUBLE.

Ground Ginger..... 200 Gm.
Diluted Alcohol, a sufficient quantity,

To make.....1000 mls

Make a tincture by percolation in the usual manner. Caution: *Do not label "Tincture of Ginger."*

No. 396.

LEMON.

Oil of Lemon..... 50 mls
Lemon Peel, outer layer only..... 50 Gm.
Alcohol, a sufficient quantity,

To make.....1000 mls
Mix, allow to stand 48 hours and filter.

No. 397.

LEMON, SOLUBLE.

Concentrated Oil of Lemon (Terpeneless)..... 5 mls
Turmeric..... 5 Gm.
Alcohol..... 500 mls
Water, a sufficient quantity,

To make.....1000 mls
Mix the oil and alcohol, add the turmeric, allow to stand 24 hours, then add the water, again allow to stand 24 hours, with occasional shaking, then filter.

Note: Not allowed in interstate commerce unless properly labeled.

No. 398.

NUTMEG.

Oil of Nutmeg..... 20 mls
Alcohol..... 700 mls
Water, a sufficient quantity,

To make.....1000 mls
Mix and filter.

No. 399.

ONION.

Oil of Garlic..... 0.5 mil
Tincture of Asafetida..... 350 mls
Alcohol..... 200 mls
Purified Talc..... 25 Gm.
Water, a sufficient quantity,

To make.....1000 mls

Mix the oil, alcohol and tincture and gradually add the water. Then add the talcum, shake occasionally for a few hours, and filter.

No. 400.

ORANGE.

- Oil of Orange..... 50 mils
- Orange Peel, outer layer only..... 50 Gm.
- Alcohol, a sufficient quantity,

To make.....1000 mils

Mix, allow to stand 48 hours, with occasional shaking, and filter.

No. 401.

ORANGE, SOLUBLE.

- Concentrated Oil of Orange (Terpeneless)..... 5 mils
- Solution of Cochineal..... 1 mil
- Tincture of Caramel, N. F. IV..... 2 mils
- Alcohol..... 500 mils
- Water, a sufficient quantity,

To make.....1000 mils

Mix the oil with the alcohol, add the water gradually and finally the color.

No. 402.

PISTACHIO.

- Oil of Neroli..... 0.4 mil
- Extract of Almond..... 350 mils
- Extract of Vanilla..... 650 mils
- Mix.

No. 403.

PISTACHIO.

- Concentrated Oil of Orange (Terpeneless)..... 1 mil
- Concentrated Oil of Lemon (Terpeneless)..... 6 mils
- Oil of Nutmeg..... 6 mils
- Oil of Sassafras..... 4 mils
- Oil of Clove..... 1 mil
- Oil of Bitter Almond..... 4 mils
- Extract of Vanilla, a sufficient quantity,

To make.....1000 mils

Mix and filter.

No. 404.

TINCTURA VANILLINI COMPOSITA.
COMPOUND TINCTURE OF VANILLIN.
N. F. III.

- Vanillin..... 6.5 Gm.
- Coumarin..... 0.4 Gm.

- Alcohol..... 200 mils
- Glycerin..... 125 mils
- Syrup..... 125 mils
- Compound Tincture Cudbear..... 16 mils
- Water, a sufficient quantity,

To make.....1000 mils

Disso ve the vanillin and coumarin in the alcohol, add the other ingredients and filter.

Many prefer this preparation to Tincture of Vanilla, formerly official in U. S. P., and now in N. F. IV.

No. 405.

VANILLA WITH TONKA.

- Vanilla Beans, cut fine..... 60 Gm.
- Tonka Beans, ground..... 40 Gm.
- Diluted Alcohol, a sufficient quantity,

To make.....1000 mils

Make a tincture, by percolation, in the usual manner.

No. 405A.

GINGER.

From Oleoresin.

- Oleoresin of Ginger..... 10 Gm.
- Alcohol, a sufficient quantity,

To make.....1000 mils

Dissolve.

Note: This, by no means, is the equivalent of Tincture of Ginger, U. S. P., and should not be sold as such.

No. 406.

FLAVORING POWDERS AND PASTES.

These have sugar as a base, and are made to correspond in strength to the flavoring extracts.

Flavoring Powder of Almond is made by triturating 20 mils of oil of bitter almond with 980 Gm. of powdered sugar.

Ginger, by triturating 10 Gm. of oleoresin of ginger with 990 Gm. of powdered sugar.

Lemon, by mixing 50 mils of natural oil, or 5 mils of concentrated or "terpeneless" oil of lemon with powdered sugar to make 1000 Gm., and tinting the powder yellow with turmeric or saffron.

These powdered flavors are used to avoid the alcohol in the extracts.

If a paste is desired mix in enough glycerin to obtain a paste of the desired consistency—or better, make a paste with a mixture of equal parts of glycerin and syrup.

Powders and pastes are more sensitive to

exposure than liquid extracts and must be kept in tightly closed containers. Pastes are dispensed, preferably, in collapsible tubes, and are sometimes made stronger to facilitate their use.

Contributed by John K. Thum, Philadelphia:

No. 407.

PULVIS ANTISEPTICUS ADSTRINGENS.
German Hospital, Phila.

Sodium Borate.....	600 Gm.
Alum, dried.....	400 Gm.
Phenol.....	5 Gm.
Thymol.....	5 Gm.
Menthol.....	5 Gm.
Eucalyptol.....	5 mls
Methyl Salicylate.....	5 mls

This powder is used as a douche in the proportion of 5 to 10 Gm. dissolved in a liter of water. It is very popular with physicians, who favor a mildly alkaline and astringent solution for many vaginal conditions.

No. 408.

BALSAM SOLUTION NO. 1.
German Hospital, Phila.

Oil of Pine.....	2 mls
Oil of Eucalyptus.....	4 mls
Oil of Cinnamon.....	1 mil
Menthol.....	1 Gm.
Comp. Tincture of Benzoin.....	46 mls
Tincture of Benzoin.....	46 mls

To be used in vaporizer.

No. 409.

CHLORETONE INHALANT.
German Hospital, Phila.

Chloretone.....	1 Gm.
Camphor.....	10 Gm.
Menthol.....	10 Gm.
Oil of Cinnamon.....	1 mil
Liquid Petrox.....	18 mls
Liquid Petrolatum.....	160 mls

No. 410.

ELIXIR ACETANILIDUM COMPOSITUM.
German Hospital, Phila.

Acetanilid.....	20 Gm.
Caffeine, alkaloid.....	2 Gm.
Sodium Bromide.....	60 Gm.
Aromatic Elixir, a sufficient quantity,	

To make..... 1000 mls

No. 411.

MISTURA AMMONII CARBONATIS.
German Hospital, Phila.

Ammonium Carbonate.....	2 Gm.
Morphine Sulphate.....	0.05 Gm.
Tincture of Lobelia.....	4 mls
Distilled Water.....	20 mls
Syrup, a sufficient quantity,	

To make..... 100 mls

No. 412.

MISTURA ANTIDIARRHOEA.
German Hospital, Phila.

Prepared Chalk.....	3 Gm.
Tincture of Kino.....	5 mls
Camphorated Tincture of Opium.....	3 mls
Comp. Tincture of Cardamom.....	10 mls
Spirit of Chloroform.....	5 mls
Peppermint Water.....	40 mls
Syrup of Orange, a sufficient quantity,	

To make..... 100 mls

No. 413.

MISTURA ANTIGOUT.
German Hospital, Phila.

Morphine Sulphate.....	0.10 Gm.
Potassium Iodide.....	5 Gm.
Wine of Colchicum Root.....	10 mls
Aromatic Elixir.....	50 mls
Distilled Water, a sufficient quantity,	

To make..... 100 mls

No. 414.

MISTURA ANTIRHEUMATICA.
German Hospital, Phila.

Potassium Iodide.....	5 Gm.
Wine of Colchicum Root.....	15 mls
Comp. Tincture of Cardamom.....	15 mls
Aromatic Elixir, a sufficient quantity,	

To make..... 100 mls

No. 415.

MISTURA BISMUTHI ET COCAINAE.
German Hospital, Phila.

Bismuth Subnitrate.....	10 Gm.
Cocaine Hydrochloride.....	0.1 Gm.
Syrup of Acacia.....	40 mls
Peppermint Water, a sufficient quantity,	

To make..... 100 mls

No. 416.

MISTURA TUSSI.

Children's Hospital Cough Mixture.
German Hospital, Phila.

Aromatic Spirit of Ammonia.....	2.5	mils
Syrup of Senega.....	6	mils
Syrup of Ipecac.....	6	mils
Syrup of Tolu.....	6	mils
Camphorated Tincture of Opium...	1.5	mils
Comp. Tincture of Cardamom.....	4	mils
Syrup.....	35	mils
Anise Water, a sufficient quantity,		

To make..... 100 mils

No. 417.

MISTURA ANTIFEBRIFUGA.

Children's Hospital Fever Mixture.
German Hospital, Phila.

Potassium Citrate.....	4	Gm.
Spirit of Nitrous Ether.....	15	mils
Syrup of Lemon.....	15	mils
Solution of Ammonium Acetate.....	60	mils
Distilled Water, a sufficient quantity,		

To make..... 100 mils

No. 418.

MISTURA CODEINAE COMPOSITA.

German Hospital, Phila.

Codeine Sulphate.....	0.1	Gm.
Diluted Hydrocyanic Acid.....	2	mils
Syrup of Lemon.....	50	mils
Distilled Water, a sufficient quantity,		

To make..... 100 mils

No. 419.

MISTURA DIURETICA.

German Hospital, Phila.

Caffeine, alkaloid.....	5.5	Gm.
Sodium Salicylate.....	4.5	Gm.
Distilled Water, a sufficient quantity,		

To make..... 100 mils

No. 420.

MISTURA GLYCYRRHIZAE COMP. CUM AMMONII CHLORIDO.

German Hospital, Phila.

Ammonium Chloride.....	5	Gm.
Brown Mixture.....	100	mils

No. 421.

MISTURA COPAIBAE.

Modified Lafayette Mixture.
German Hospital, Phila.

Copaiba.....	200	Gm.
Solution of Potassium Hydroxide...	75	mils
Spirit of Nitrous Ether.....	300	mils
Fluidextract of Glycyrrhiza.....	150	mils
Methyl Salicylate.....	10	mils
Camphor Water, a sufficient quantity,		

To make..... 1000 mils

No. 422.

MISTURA HYDRARGYRI ET POTASSII IODIDI.

Dr. Uhle's Formula.

German Hospital, Phila.

Mercuric Iodide.....	0.06	Gm.
Potassium Iodide.....	10	Gm.
Comp. Tincture of Gentian, a sufficient quantity,		

To make..... 100 mils

No. 423.

MISTURA HYDRARGYRI CUM RHEO.

Mixture of Blue Mass and Rhubarb.

German Hospital, Phila.

Powdered Blue Mass.....	2	Gm.
Aromatic Syrup of Rhubarb.....	100	mils

No. 424.

MISTURA STAPHISAGRIÆ ET SPIRITUS MYRCIÆ.

Stavesacre and Bay Rum.

German Hospital, Phila.

Tincture of Staphisagria.....	100	mils
Bay Rum.....	100	mils

No. 425.

TINCTURA STAPHISAGRIÆ.

Tincture of Stavesacre.

German Hospital, Phila.

Stavesacre, ground.....	200	Gm.
Alcohol, a sufficient quantity,		

To make..... 1000 mils

Macerate the ground stavesacre with 150 mils of alcohol for 24 hours, then pack firmly in a cylindrical percolator and continue passing alcohol through the ground drug until one thousand mils of tincture are obtained.