

FLUID EXTRACTS

The generally accepted definition of a fluid extract is a liquid preparation of a drug in which each fluid gramme represents a solid gramme of the drug itself. Of course it must be made with a menstruum which will thoroughly exhaust the drug of its active principles and hold them permanently in solution, at the same time, as far as possible, exclude all inert and extraneous material. While the above may generally be considered sufficient to cover all that may be thought necessary in the manufacture of a fluid extract, yet there are other measures to be observed which are quite as important: First, the drug itself should be of prime quality, and if it contains alkaloids or active principles it should be assayed for such before being made use of, thereby insuring at the beginning that the fluid extract will be of standard strength. Again, in the manufacture of fluid extracts it is necessary that in addition to the proper menstruum being adopted, that the improved and advanced methods of percolation and concentration be used. Take a case of the drug which depends for its medicinal activity upon a valuable alkaloid, or volatile constituent; if a fluid extract of such a drug be subjected to a high heat in process of manufacture the resulting product will be inferior or quite inert as regards its active principles. In the manufacture of our fluid extracts the process of percolation as directed by the U. S. Ph. is generally used. With such fluid extracts as are prepared by the U. S. Ph. process, the evaporation is conducted in vacuo, thus insuring the preparation from all possible injury by limiting the heat to the lowest degree. In cases where the preparation of the drug would be injured by the application of any heat, the fluid extracts are made by the Squibb process of re-percolation. Such drugs as Ergot, Rhubarb, Buchu and Wild Cherry are treated in this manner.

In the selection of the drugs themselves we have unexcelled advantages, buying as we do from first hands in large quantities. Samples of all pharmacopoeial and other important crude drugs are assayed prior to purchasing. This insures the procuring of drugs of prime quality and is also a guard against adulteration.

As to the best methods of extraction our experience of many years is of great value.

In addition to all the above precautions comes the final assay of the fluid extract itself, thus insuring each lot of a fluid extract to be of the identical standard of previous lots.

In regard to prices we are as reasonable as any reliable manufacturer; our regular discount being 40% from list to all alike. On goods in bulk we believe we can make interesting prices to those who are large users of fluid extracts in quantity. In short, we guarantee our fluid extracts to be of the highest quality, sold at reasonable prices, and on liberal terms.

We invite correspondence.

Frederick Stearns & Co., Manufacturing Pharmacists,

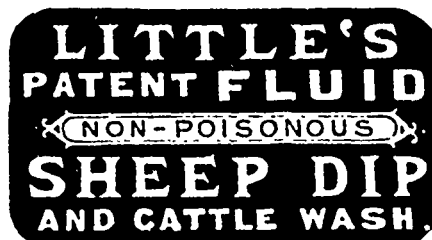
WINDSOR, Ont.

BRANCHES AT

Detroit, Mich.

London, Eng.

New York City.



For the Destruction of Ticks, Lice, Mange, and
all Insects upon Sheep, Horses, Cattle,
Pigs, Dogs, etc.

Superior to Carbolic Acid for Ulcers, Wounds, Sores, etc

Removes Scurf, Roughness, and Irritation of the Skin,
making the coat soft, glossy, and healthy

Removes the unpleasant smell from Dogs and other animals

"Little's Sheep Dip and Cattle Wash" is used at the Dominion Experimental Farms at Ottawa and Brandon, at the Ontario Industrial Farm, Guelph, and by all the principal breeders in the Dominion; and is pronounced to be the cheapest and most effective remedy on the market.

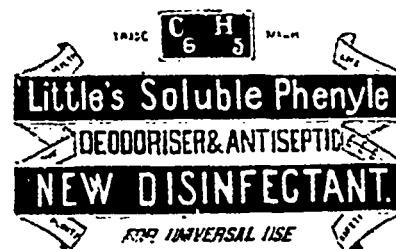
25 Gold, Silver, and other Prize Medals have been awarded for "Little's Sheep and Cattle Wash" in all parts of the world.

Sold in large tins at 75c. Is wanted by every Farmer and Breeder in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

Sole Agent for the Dominion.

To be had from all wholesale druggists in Toronto, Hamilton, and London.



Cheap, Harmless, and Effective

A Highly Concentrated Fluid for Checking and Preventing
Contagion from Infectious Diseases.

NON-POISONOUS AND NON-CORROSIVE.

In a test of Disinfectants, undertaken on behalf of the American Government, "Little's Soluble Phenyle" was proved to be the best Disinfectant, being successfully active at 2 per cent., whilst that which ranked second required 7 per cent., and many Disinfectants, at 50 per cent., proved worthless.

"Little's Soluble Phenyle" will destroy the infection of all Fevers and all Contagious and Infectious Diseases, and will neutralize any bad smell whatever, not by disguising it, but by destroying it.

Used in the London and Provincial Hospitals and approved of by the Highest Sanitary Authorities of the day.

The Phenyle has been awarded Gold Medals and Diplomas in all parts of the world.

Sold by all Druggists in 25c. and 50c. Bottles, and \$1.00 Tins.

A 25c. bottle will make four gallons strongest Disinfectant. Is wanted by every Physician, Householder, and Public Institution in the Dominion.

ROBERT WIGHTMAN, Druggist, OWEN SOUND, ONT.

Sole Agent for the Dominion.

To be had from all Wholesale Druggists in Montreal, Toronto, Hamilton, and London, Ont., and Winnipeg, Man.