

Technical Literature

Viracin™: Herbal Plant Tannin for the treatment of viral/bacterial infestation of the GI tract

Composition: Acerin (*Acer plantanoides L.*) Babul Bark (*Acacia arabica*)
Canaigre root (*Rumex hymenosepalus*)



Article: “On the Chemical Nature of Acerin and the Virucidal and Antiviral Effects of Some Vegetable Tannins”; excerpts from “Experientia” Vol. X, 1954.

“In search for virucidal and antiviral substances in nature, one of us (C.F.) in 1952 found that water extracts of several plants exerted a definite virucidal effect, the main experiments being performed with a bacterial virus and its host cell, *Escherichia coli XP*. Out of 300 different plant species investigated, the majority yielded no activity, whereas fairly active extracts were obtained from some of them.

...(Fischer) reported on the virucidal and antiviral effect of maple fruit preparations. 25 mg of maple fruits gave 1 g of substance, which in a dilution of 1:64 destroyed the bacterial virus in 5 minutes. The substance was given the name *acerin*.

...After further purification whereby 100 g of maple fruits yielded .75 g, the purified product destroyed the bacterial virus within 5 minutes in a dilution of 1:50,000, a concentration which allowed an abundant development of the coli organisms. The lowest concentration of acerin which exerted a slight colistatic effect was 1:200. Acerin was active only on the extracellular virus. A good antiviral effect on the virus host cell system was obtained in broth culture and even on solid media.”



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