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(54) Title: USE OF SUGAR CANE EXTRACTS IN THE TREATMENT OR PREVENTION OF MICROBIAL INFECTIONS AND DYSBIOSIS

(57) Abstract: Disclosed are methods and compositions comprising from about 0.00001 wt% to about 100 wt % of an extract derived from sugar cane for use in a variety of treatments, preventatives and control measures involving administration of an extract comprising from about 10 catechin equivalent (CE) g/L to about 50 CE g/L of polyphenols or from about 100 CE mg/g to about 500 CE mg/g of polyphenols to a subject. These treatments and preventative measures include antimicrobial activity, especially against respiratory viruses in humans as well as treatments for microsporidial infections, such as EHP in shrimps and prawns. Control measures include the reduction of methane generation in ruminants. Use of these compositions, for example in dairy cows, improves the health of the cows by minimizing mastitis whilst enhancing milk yield.



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