METHOD FOR DRYING FECAL MICROBIOTA MULTILAYER DRIPPING PILLS

ABSTRACT

A method for drying fecal microbiota multilayer dripping pills is disclosed. The drying method includes: performing centrifugal deoiling on fecal microbiota multilayer dripping pills by using a deoiling agent, and then performing separation treatment to obtain deoiled dripping pills, wherein the deoiling agent is a mixture of fumed silica, soybean fiber, and oat cellulose; performing blast drying on the deoiled dripping pills to obtain pre-dried dripping pills; and performing negative pressure drying on the pre-dried dripping pills to obtain Huanglong dripping pills. In the drying method provided by the present application, centrifugal deoiling, blast drying, and negative pressure drying are sequentially performed, thereby further reducing the water activity of the Huanglong dripping pills. The data of examples show that the obtained Huanglong dripping pills have a water activity aw of 0.08 to 0.14, exhibit excellent tolerability, particularly *in vitro* simulated gastrointestinal tolerability, and also exhibit excellent stability.

No Figure