

ABSTRACT

The present disclosure relates to a preparation method for a D-psicose crystal containing 98% (w/w) or more D-psicose and 0.05% (w/w) or less ethanol based on 100% (w/w) of the entire crystal. The preparation method includes a first step of mixing a D-psicose-containing solution and an organic solvent, and a second step of adding a seed to the mixed solution according to the first step and then cooling the same to obtain a massequite containing the D-psicose crystal. Therefore, it is possible to increase the yield of the D-psicose crystal from the D-psicose crystal solution and prepare a D-psicose crystal of sufficient size and appropriate shape for use in mass production with no bad taste/smell.

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