

ABSTRACT

The present invention provides a characteristic spectrum construction method for cyrtomium fortune, carbonized cyrtomium fortune decoction pieces, a standard decoction and formula granules, comprising: A) using a solvent to dissolve a carbonized cyrtomium fortune raw material to obtain a solution to be tested; and B) using a high performance liquid chromatography to carry out measurement on said solution to obtain an UPLC characteristic spectrum of the carbonized cyrtomium fortune raw material, wherein the chromatographic conditions of the high performance liquid chromatography are: a chromatographic column is a C18 column, a mobile phase A is acetonitrile, a mobile phase B is 0.1% of formic acid, and gradient elution is carried out. The present invention uses the high performance liquid chromatography, selects acetonitrile and 0.1% of formic acid as mobile phases to carry out gradient elution, and uses protocatechuic acid as a reference object, so as to establish the UPLC characteristic spectrum of the carbonized cyrtomium fortune decoction pieces, the standard decoction and the formula granules, so that repeatability and precision are good, the method is stable and reliable, and the quality of the carbonized cyrtomium fortune decoction pieces, the standard decoction and the formula granules can be controlled.