METHOD FOR IDENTIFYING GINKGO SEMEN FORMULA GRANULES AND FRIED GINKGO SEMEN FORMULA GRANULES BASED ON THIN-LAYER CHROMATOGRAPHY

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This application claims the priority of Chinese Patent Application No. 202311293808.9, filed with the China National Intellectual Property Administration on October 7, 2023, and titled with "METHOD FOR IDENTIFYING GINKGO SEMEN FORMULA GRANULES AND FRIED GINKGO SEMEN FORMULA GRANULES BASED ON THIN-LAYER CHROMATOGRAPHY", which is hereby incorporated by reference in its entirety.

FIELD

[0002] The present disclosure relates to the technical field of drug detection, specifically relates to a method for identifying Ginkgo Semen formula granules and fried Ginkgo Semen formula granules based on thin-layer chromatography.

BACKGROUND

[0003] Ginkgo Semen is the dried mature seed of *Ginkgo biloba* L., a plant of the family Ginkgoaceae. It has the efficacies of astringing the lung to relieve asthma, stopping leukorrhea, and reducing urination. However, since the crude Ginkgo Semen is slightly toxic, it needs to be processed before being used as drug in clinical practice. Studies have shown that stir-frying can greatly reduce the toxicity of Ginkgo Semen, thereby improving the accuracy and safety of medication. Moreover, the processed product can enhance the astringent effect and mainly has the efficacies of warming the lung, replenishing qi, relieving cough and asthma, reducing urination, and stopping whitish turbidity urine. Therefore, it can be seen that the chemical components thereof may change after processing.

[0004] Li Zhuanmei et al. compared the contents of ginkgolic acid and total ginkgolic acids in different processed products of Ginkgo Semen, and found that peeling, stir-frying, or steaming and boiling can significantly reduce the contents of ginkgolic acid and total ginkgolic acids in