

酸、对羟基苯甲酸。

(3)苦荞籽粒中原花色素含量的高低顺序为麸皮>外层粉>全粉>壳>心粉,在麸皮中的含量高达5.03%。

(4)苦荞籽粒富含酚类物质(酚酸、原花色素、黄酮),可作为功能性食品资源进行大力开发利用。

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Determination of Phenolic Acids and Proanthocyanidin in Buckwheat (*Fagopyrum tataricum* (Linn) Gaench)

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ABSTRACT The phenolic acids and proanthocyanidin in *Fagopyrum tataricum* seed were determined. The contents of phenolic acids varied from 94.61 to 1745.33 mg/kg. The main phenolic acids were benzoates—protocatechuic and *p*-hydroxybenzoic acid. The contents of proanthocyanidins in hull, bran, outer flour, whole flour were 0.03%, 5.03%, 0.6%, 0.04%, respectively.

Key words *Fagopyrum tataricum*, RP-HPLC, DAD, phenolic acid, proanthocyanidin

果蔬解毒灵投入批量生产

一种专门用于解除蔬菜、水果残留农药的“果蔬解毒灵”最近在北京中创新技术研究中心投入批量生产,百姓有望使用上这种产品,吃上放心的蔬菜瓜果。

蔬菜残留农药,是蔬菜在喷施农药后残留在蔬菜表面的农药及有毒代谢物、降解转化物和反应杂质的总称。蔬菜大多数生长期短,病虫害比较严重,种植过程中需多次施药。目前使用的农药多为有机磷、有机氯农药,一些菜农缺乏科学知识,片面追求经济效益,施用高毒、高残留农药,导致上市的蔬菜水果农药残留量严重超标,危及广大食用者的生命健康。

北京中创新技术研究中心针对蔬菜残留农药这一困扰百姓饮食安全的问题,追踪国际最新科研动向,将绿色可食性原料用于解毒产品制造,研制出新型绿色产品——“中创”果蔬残留农药解毒灵。该产品无毒、无害,使用方便,只需在洗蔬菜时加入几滴,浸泡片刻冲洗即可。