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(57) Abstract :

The present disclosure provides an apparatus (100) for detection of adulteration in saffron. The apparatus is portable and easy to operate, thus enabling a user to perform various tests at a time to detect quality of the saffron. In addition, the apparatus (100) includes multiple compartments having sensors such as color diffusion sensor (106), color sensor (110), MOS sensor (114), and weight sensor (120), to store various samples of the saffron, and each of the compartment performs a separate test on the received sample of the saffron. Moreover, adulteration in the saffron is analysed and displayed on the display unit (124), thus enabling the user to test quality of the saffron easily.

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