The quality Attributes Measurement of Cocoa Beans in Several Regencies in South Sulawesi

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ABSTRACT

The objective of the study was to measure the quality attributes of cocoa beans including level of broken beans, bean waste (foreign matter), water content, and bean count (number of beans in 100 g) from Seven Regencies in South Sulawesi. Each regencies consist of 5 collector’s storage, sample of cocoa was 2 kg per collector, separated between whole beans, broken beans and bean waste, and then calculated their quality level. Water content calculated by Sartorius AG MA 40-000V2 series number: 70501045

The study indicates that quality attributes of cocoa beans had not yet met the standard set by Indonesian National Standard of Cocoa beans (SNI 01-2323-2002), except for the level of broken beans. Based on classes/categories of cocoa beans in SNI standard, due to the number of beans in 100 g bean weight, cocoa beans from Wajo, Bone and Sinjai included in class A, Soppeng and Polmas in class B, Luwu and Pinrang in class C.

Keywords: Cocoa beans, Quality attributes, Bean Waste, Water Content, Broken beans