

Specification Sheet

Adansonia digitata (Boabab fruit powder)

Batch code: AFRAD

Species	NA	Adansonia digitata L.
Family	NA	Bombacaceae
Common name/s	NA	Baobab fruit, Monkey Bread, Upside-Down Tree
Part Used	NA	Fruit pulp
Origin	NA	Kenya
Taste	NA	Tart, Sweet
Chemical classification	NA	Organic, nutritive
Quality Control	TLC / HPLC / GC	Complies to reference standard (African Herbal Pharmacopoeia, 2010)
Active ingredient	NA	NA
Particle/sieve size	NA	60-80mesh 100% through.
Appearance	Visual	Fine powder, light brown to orange colour.
Moisture		Not more than 8%
General Nutritional Characteristics	Fruit pulp is rich in carbohydrates, energy, calcium, potassium, thiamine, nicotinic acid, riboflavine, Vit B.6, niacin, carotene and vit.c. It is dry, acidulous, mealy and rich in mucilage, pectins, tartarate and tartaric, citric, malic, succinic and ascorbic acid. Sweetness is provided by fructose, saccharose and glucose contents. Campesterol, stigamsterol, isofucasterol and avenasterol have also been reported. Fruit pulp can further be considered a good source of aspartic and glutamic acids, arginine, tyrosine, isoleucine, leucine, phenylalanine, lysine, valine and cysteine (De Caluwe et al, 2009).	
Microbiology		
Salmonella spp	Negative	
Escherichia coli	Negative	
Aerobic bacteria	No more than 10 ⁵ cfu/g	
Fungi	No more than 10 ⁴ cfu/g	
Enterobacteria and gram-negative bacteria	No more than 10 ³ cfu/g	

Pesticide residue	
In accordance with national requirements. Aldrin and Dieldrin	Not more than 0.05mg/kg
Heavy metals	
Lead (Pb in final dosage)	Not more than 5ppm
Cadmium (Cd in final dosage)	Not more than 0.3mg/kg

*** These values correspond with guidelines as published by WHO (1998) and African Herbal Pharmacopeia [AfrHP (2010)] are for general guidance only. National or other pharmacopoeial standards may need to be adhered to and may impose different standards.

(General) Packaging

Material is packed inside 2 x inner PVC plastic bag (clear plastic) and 2 x outer agricultural bag (PVC plastic weave). 15 kg net per bag. Dimensions: 75x45x15cm.

Storage

Baobab fruit powder (Code: AFRAD) is a dried plant material and should be stored according to pharmacopoeia guidelines for medicinal plants with the following instructions Storage: Store at room temperature, from 15°C to 30°C in a dry place, protected from light.

Updated: C. Moir (QC Manager); September 2016



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