

Specification Sheet

Sceletium tortuosum extract

Batch code: NANST

Description	Specification
Species	Sceletium tortuosum
Common name(s)	Kanna, sceletium
Part of plant used	Leaf, stem
Origin	South Africa
Taste	Slightly bitter, acidic, woody
Chemical classification	Organic, nutritive
Quality control	Complies to reference standard for milled herbs/powder extracts (AfrHP)
Appearance	Light brown to green powder
Moisture	Not more than 8%
Extraction ratio	6:1 (Ultrasonic extraction)
Active ingredient	Alkaloids (total alkaloids \geq 0.5 %)
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

Sceletium (Code: NANST) 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); August 2016

