

**Specification Sheet**

Pelargonium sidoides raw milled powder

Batch code: AFRPS

Description	Test Method	Specification
Species		Pelargonium sidoides
Common name/s		Umckaloabo
Part Used		Tuber
Origin		Eastern Cape, South Africa
Taste		Slightly bitter, acidic, woody
Chemical classification		Organic, nutritive
Quality Control reference standards	TLC or GC	Complies to reference standard for milled herbs/extracts African Herbal Pharmacopoeia (AfrHP)
Appearance	Visual	Reddish, brown
Moisture		Not more than 8%
Loss on Drying		Not more than 12%
Total Ash		Not more than 3%
Ash insoluble in hydrochloric acid		Not more than 3%
Active ingredient (umckalin)		NTL 100 ppm
<b>Microbiology</b>		
Salmonella spp	Negative	
Escherichia coli	Negative	
Aerobic bacteria	No more than 10 <sup>5</sup> cfu/g	
Fungi	No more than 10 <sup>4</sup> cfu/g	
Enterobacteria and gram-negative bacteria	No more than 10 <sup>3</sup> 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

### (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

*Pelargonium sidoides* (Code: AFRPS) 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.

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

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



[www.afrigetics.com](http://www.afrigetics.com)