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Reg.Nr. 64/05814/07

VAT Reg. Nr.: 4690123213

Product Specification and Certificate of Analysis

Product Name: Aloe Ferox Whole Leaf Tea with Bitter

Product Code: TEABAG

General

- a. Producer: Organic Aloe (Pty) Ltd.
- b. Production Process: Fresh leaves are delivered to the factory where the leaves are milled, dried and then milled again.

CERTIFICATE OF ANALYSIS

Specification		Test	Result
Taste – Bitter		Taste	Very Bitter
Appearance of fine fibre = fine fibre		Inspection	OK Packed 2 gram per teabag
Colour of fibre light green to dark brown		Inspection	OK
Moisture content: 100g @ 80 °C for 24 hours		Oven Test	< 15 % OK
pH of 10 g fibre per 250 ml boiled water		PH Test @ 20°C	6.04
Aloin Content		< 1 %	0.101 %
Analysis	Method	Units	Result
Protein (Nx6.25)	AOAC 984.13	%	0.73
Fat	Hot Hexane extraction	%	0.10
Ash	AOAC 942.05	%	10.6
Carbohydrates	Calculated	%	74.5
Energy value	Calculated	kJ/100	1208
Magnesium (Mg)	ICP-OES	mg/Kg	1580
Iron (Fe)	ICP-OES	mg/Kg	91.84
Copper (Cu)	ICP -OES	mg/Kg	1.876
Manganese (Mn)	ICP -OES	mg/Kg	60.40
Zinc (Zn)	ICP -OES	mg/Kg	8.92
Sodium (Na)	ICP -OES	mg/Kg	1955
Phosphorous (P)	ICP -OES	mg/Kg	840.50
Potassium (K)	ICP -OES	mg/Kg	4243
Calcium (Ca)	ICP -OES	mg/Kg	2268