



"Innovation, Quality and Technical Expertise"

**CocoaMax™ Natural Cocoa Extract
Description rev. 5 April 2007**

Product : Natural cocoa extract	Form : Powder
Latin name : <i>Theobroma cacao L.</i>	Expiration duration : 24 months in original packaging
	Part of plant used : Cocoa powder
Storage: in closed container, in a dry place at a temperature from 4 to 20 °C. Avoid exposure to light.	Packaging : :

Physical Properties

Analysis	Method	Specification
Description	-	Brown, microgranulated powder
Sensory properties	-	Intense roasted cocoa flavour
Bulk Density	LAB-008/2 09202	0.3 – 0.7 g/ml

Chemical Properties

Analysis	Method	Specification
Loss on drying	100-105°C – 2 hours LAB-009/3 09202	< 5.0%
Ash content	600 °C – 12 h LAB-017/1 24303	< 18 %
Polyphenol	Folin-Ciucalteus Method	20 % min.
Theobromine	LAB-043/1 05305	> 4.0 %

Microbiological Quality

European Pharmacopea (cat. 3B)	Standard Plate Count	< 10 000 cfu/g
	E. coli	negative/g
	Yeasts and moulds	< 100 cfu/g
	Salmonella spp	negative/ 10 g
	Staphylococcus aureus	negative/g

version 1 Specifications are subject to change without notice

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