

Product	CAFFSHOCK®	
Product Code	500054	
Botanical Name	<i>Various</i>	
Country of Manufacturing	Italy	
Botanical name	Coffea arabica seed (30%-40%), Paullinia cupana seed (20%-30%), Camellia sinensis leaf (20%-30%), Ilex paraguariensis leaf (10%-20%), Lepidium meyenii root (10%-20%)	
Raw material	Coffea arabica seed, Paulinia cupana seed, Ilex paraguariensis leaf, Lepidium meyenii root: South America Camellia sinensis leaf: Asia	
Growing conditions	Cultivated	
Collection period	Coffea arabica seed, Ilex paraguariensis leaf: Autumn Camellia sinensis leaf: Summer/Autumn Paullinia cupana seed: Winter Lepidium meyenii root: Spring/Summer	
Harvesting conditions	Manual	
Extraction solvents	Water/Ethanol (80/20 v/v)	
Residual solvents	< 0.5% ethanol	
Excipients	Maltodextrin derived from maize (20%-30%)	
Particle size	NLT 90% through 300 microns	
Tapped density	About 0,5% g/ml	
Solubility	Water soluble (1g/200ml water)	
TEST	LIMITS	METHODS
Aspect	Fine powder	Inspection
Colour **	Light-brown, brown to pinkish	Inspection
Indicative Extraction Ratio (DER)	n.a.	n.a.
Assay	>= 20% caffeine >= 15% chlorogenic acid >= 20% polyphenols	HPLC Spectrophotometric method Spectrophotometric method
Loss on drying	< 5%	105° C - 3 hours
Antimicrobial preservatives	Absents	
CONTAMINANTS	LIMITS	METHODS
Total Heavy Metals	< 10 ppm	
Cadmium *	< 1 ppm	Atomic Absorption
Lead *	< 3 ppm	
Mercury *	< 0,1 ppm	
Aflatoxins		
B1 *	< 5 ppb	Atomic Absorption
Sum of B1,B2,G1 and G2 *	< 10 ppb	
MICROBIOLOGICAL SPECIFICATIONS	LIMITS	METHODS
Total Plate Count	< 5 x 10000 c.f.u./g	as per Eur.Ph.
Yeasts and Moulds	< 5 x 100 c.f.u./g	as per Eur.Ph.
E.coli *	Absent in 1 g.	
Salmonella *	Absent in 25 g.	
Enterobacteriaceae *	< 100 c.f.u./g	

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* Analysis performed on basis of specific self control plan

** This being a product of natural origin, minor colour variations are observed due to geographical and seasonal variations of the raw material

STORAGE CONDITIONS

Store in its closed original packaging at room temperature (5-25°C), away from heat, direct light and moisture

SHELF-LIFE

3 years from manufacturing date

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GMO	Product does not contain and it is not manufactured from GMO components (Reg. (EC) 1829/2003 and 1830/2003).
ALLERGENS	Free from substances or products causing allergies or intolerances (Reg. (EU) 1169/2011 annex II).
CROSS CONTAMINATION	There is no risk of cross-contamination in our plants.
PESTICIDES *	Comply to Reg. (EC) No. 396/2005 and subs. amendements and updates.
PAH *	Comply to Reg. (EC) No. 1933/2015.
IRRADIATION	Not irradiated.
BSE / TSE	This product does not contain, nor manufactured with any animals products or any materials of animal origin and does not present any risk of cross-contamination by BSE/TSE causing organism.
GLUTEN	GLUTEN FREE.
NANO MATERIALS	The extraction process we apply to manufacture our herbal extracts does not involve any kind of nanotechnologies.
SAFETY	The product does not contain any ingredient/substance classified as dangerous.
PACKAGING	All requirements for Food Regulation.
ANIMAL TESTS	All our products are not tested or re-tested on animals.

SUITABLE	YES	NO
VEGETARIANS	X	
VEGANS	X	
OVO-LACTO VEGETARIANS	X	