

LEMON BALM EXTRACT 1%

Melissa officinalis L.

SPECIFICATIONS SHEET - REF. PFI503017

	Methods	Specifications
MAIN CHARACTERISTICS		
Appearance	Internal	Powder
Color	Internal	Light to dark brown
Manufacturing date	-	-
Plant identification	HPTLC / HPLC	Melissa officinalis L.
Nature	Internal	Water extract
Odor	Internal	Slightly limony
Part used	Internal	Leaf
Carrier	Internal	Maltodextrin
ACTIVE INGREDIENTS		
Rosmarinic acid (%)	HPLC	≥ 1
MICROBIOLOGICAL		
Enterobacteria (CFU/g)	NF ISO 21528 - 2 (37°C)	< 100
Escherichia coli (CFU/g)	Eur. Ph. 2000 adapted	negative
Total plate count (CFU/g)	NF ISO 4833	< 10 000
Yeasts and moulds (CFU/g)	AOAC 997.02	< 1 000
Salmonella (CFU/25g)	NF EN ISO 6579	negative
Staphylococcus aureus (CFU/g)	Eur. Ph. 2000 adapted	negative
OTHER ANALYTICAL DATA		
Ashes (%)	Internal	≤ 10
Tapped density	Eur. Ph.(2.9.34)	0,4 - 0,8
Granulometry (sieving) through 70 mesh (%)	Internal	≥ 95
Loss on drying (%)	Internal	≤ 8
pH	1% / water	3 - 6
Water solubility at 1% (%)	Internal	≥ 90
CONTAMINANTS		
Aflatoxin B1/B2/G1/G2 (ppb)	HPLC/MS	≤ 4
Arsenic (ppm)	Mineralization + ICP-MS	≤ 2
Benzo[a]pyrene / HPA(4) (ppb)	GC/MS	< 10 / < 50
Cadmium (ppm)	Mineralization + ICP-MS	≤ 1
Mercury (ppm)	Mineralization + ICP-MS	≤ 0.1
Pesticides	Eur. Ph. [2.8.13]	conform
Lead (ppm)	Mineralisation + ICP-MS	≤ 3
STORAGE		
Keep in a dry place at room temperature in original intact packing		24 months

The information here above is based on our current knowledge. NEXIRA cannot be hold responsible besides the guarantees written on its supply contracts, based on the fact that it does not control the final use of this product. It is the buyer's responsibility to comply with local texts and laws regulating its activity and the use of this product.

RM = Raw Matter
DM = Dry Matter
CFU = Colony-Forming Unit