



Technical Data Sheet

**FM Melisse P. E.
FG Melissa Officinalis P. E.**

PRODUCT INFORMATION

Name	Powder extract from Melissa officinalis Feed Additive 2b		
Botanical Name	Melissa Officinalis L	Extraction solvent	Ethanol & Water
Part Used	Leaf	Melissa Officinalis Extract	Approx 80%
Origin	China	Carrier (Maltodextrin)	Approx 20%
CAS	84082-61-1	Einecs	282-007-0
CoE	280	FEMA	2112
Category	Sensory additives	Functional group	Flavouring compounds
Ident Additiv:	2b280-ex		

ITEM	SPECIFICATION	METHOD
Flavonoids Assay	max 3mg/kg	UV
Rosmarinic acid Assay	3-6%	UV
Extract Ratio	6:1	TLC
Appearance*	Brown Yellow fine powder	Visual
Odor & Taste	Characteristic	Organoleptic
Identification	Positive	TLC
Sieve analysis	100% through 80 Mesh	80 Mesh Screen
Loss on Drying	max 5%	Eu. Pharm. c.v. (2.8.17)
Total Ash	max 5%	Eu. Pharm. c.v. (2.4.16)
Bulk Density	0.30-0.70g/ml	
Aflatoxin B1	2 µg/kg max	Eu. Pharm. c.v. (2.8.18)
Total Aflatoxins (B1, B2, G1, G2)	4 µg/kg max	Eu. Pharm. c.v. (2.8.18)

*The color may vary

STATEMENTS

Quality and Safety	Feed Grade (for animals not intended for human consumption)
Hygiene of foodstuffs	In compliance with Reg. (EC) 852/2004
Hazard	Not dangerous in accordance with EU regulation (EC) No 1272/2008
Contaminants	According to Reg. 2002/32/EC on undesirable substances in animal feed
Preservative	Preservative Free
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to regulation Complies to Reg.2008/839/CE
Microbiology	Bacterial Count: TAMC-Bacteria: <10,000 cfu/g, TYMC: <100 cfu/g, Salmonella: negative/25g, E. Coli: negative/1g, Gram-Negative Bacteria resistant to bile salts <100cfu/g
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Conform
Sterilization Method	High Temperature and Pressure
Irradiation	No ionization or other radiation is permitted According to Reg. (EC) 1999/2 and 1999/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen status	No allergens requiring labeling according to Reg. (EC) 1169/2011
Unintentional contact (traces) in the supply chain cannot be excluded.	
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments

STORAGE AND HANDLING

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	3 years if sealed and properly stored
Document status template	24.06.2024
Issue date	12.07.2024

All above information according to the manufacturer / supplier

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