



Technical Data Sheet

Ringelblume P.E. 50% Lutein
Marigold P.E. 50% Lutein

PRODUCT INFORMATION

Latin name	Calendula officinalis L.
Origin	China
Part Used	Flower
Extraction solvent	Water & Ethanol
Marigold Powder Extract	~ 70%
Carrier (Maltodextrin)	~ 30%

ITEM	SPECIFICATION	METHOD
Total Carotenoids	50.0% Min	UV
Lutein	50.0% Min	HPLC
Zeaxanthin	5.5% Max	HPLC
Appearance	Orange yellow to orange red powder	Visual
Sieve analysis	≥95% pass 80 mesh	Screen
Loss on Drying	≤6.00%	5g/105°C/2hrs
Residue on Ignition	≤1.0%	3g/550°C/4hrs

STATEMENTS

Food Quality and Safety	Limited use in food recommended
Contaminants	According to Reg. (EC) 2023/915 for food supplements
Preservative	Preservative Free
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria: <1,000 cfu/g, TYMC: <100 cfu/g, Coli Group: ≤3.0 MPN/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 free	According to Reg. (EC) 1169/2011
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	2 years if sealed and properly stored

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