



DS Ringelblume P.E. 20% Lutein, 2,5% Zeaxanthin (15960)

DS Marigold P.E. 20% Lutein, 2.5% Zeaxanthin (15960)

Product Information

Latin name	Calendula officinalis L.
Part Used	Flowers
Origin	China
Calendula Flower Extract	Approx 25%
Carrier (Maltodextrin)	Approx 65%

Item	Specification	Method
Total Carotenoids Assay	≥21.0%	UV
Lutein Assay	≥20.0%	HPLC
Zeaxanthin Assay	≥2.5%	HPLC
Appearance*	Orange Powder	Visual
Loss on Drying	≤7.0%	USP41-NF36<731>
Ash	Approx 5%	
Residual Ethanol	≤5,000µg/g	USP41-NF36<467>
Pesticide Residues	USP<561>	USP41-NF36<561>
Aflatoxins	≤20 ppb	USP41-NF36<561>

*The color may vary

Statements

Food Quality and Safety	According to Reg. (EC) 178/2002
Contaminants	According to Reg. (EC) 1881/2006 and amendments
Preservative	Preservative Free Conforms
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, Salmonella negative, E. Coli negative, Staphylococcus aureus negative
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Vegan
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 Nr. 10/2011 and amendments

Storage and Handling

Storage	Store in a well-closed container away from moisture, direct light and heat.
Shelf Life	Re-test after two years from the manufacturing date

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