

KERANAT 30-70

Keranat 30% on carrier 70%

GENERAL INFORMATION

Grade: powder	KERANAT 30-70	Code:	HB870001
Anhydrous Dibasic Calcium Phosphate, <i>Panicum miliaceum</i> , <i>Triticum vulgare/aestivum</i> , <i>Helianthus annuus</i> , <i>Rosmarinus officinalis</i>		Shelf life:	15 months
		Conditions of storage:	Room temperature, in a dry and dark place

ANALYSES

ITEM DESCRIPTION	SPECIFICATION	TEST METHOD
PRODUCT CHARACTERISTICS		
30% Keranat on 70% carrier PLANT:EXTRACT RATIO	17: 1	
PHYSICAL TESTS		
APPEARANCE	Powder	Visual evaluation-403 156
COLOR	Beige to yellow	Visual evaluation - 403 156
AROMA	Characteristic of wheat	Sensorial evaluation - 403 156
BULK DENSITY	0.65 - 0.75	Densimeter- 403 019
GRANULOMETRY	90% < 250 µm	Sieve
LOSS ON DRYING	<10.0 %	Infrared dryer
CHEMICAL TESTS		
MILIACIN**	> 0.3 %	Internal method - GC
LINOLEIC ACID**	> 15.0 %	Internal method – 403 329
PEROXIDE INDEX (mmol O2/L)	< 10	ISO 3960 – internal method 403 004
RESIDUAL GLUTEN**	< 10 ppm	ELISA - R5 MENDES
ARSENIC*	< 10.0 %	Infrared dryer
LEAD (AS Pb) *	< 1.0 ppm	(Eurofins) Internal method based on NF EN 13805
MERCURY*	<1.0 ppm	(Eurofins) Internal method based on NF EN 13805/14084
CADMIUM*	< 0.1 ppm	(Eurofins) internal method based on NF EN 13805/13806
PESTICIDES*	< 0.5 ppm	(Eurofins) Internal method based on NF EN 13805/14084
AFLATOXINS*	< Maximal Residual Limits	ASU L00.00-34 - European regulation/USP 565
B1, B2, G1, G2*	< 4.0 µg/kg	(Eurofins) Internal method based on NF EN 14123
B1*	< 1.0 µg/kg	(Eurofins) Internal method based on NF EN 14123
	< 0.1 µg/kg	(Eurofins) Internal method based on NF EN 14123
MICROBIOLOGICAL TESTS		
TOTAL PLATE COUNT (UFC/g)	< 1000	Internal method – 542 052 (based on NF ISO 4833)
YEASTS (UFC/g)	< 100	Internal method – 542 053 (based on NF ISO 21527)
MOULDS (UFC/g)	<100	Internal method – 542 053 (based on NF ISO 21527)
SALMONELLA	Not detected/25 g	Internal method – 542 058 (based on NF ISO 6579)
S. AUREUS	Not detected / g	Internal method- 542 054 (based on ISO 6888)
ENTERO-BACTERIACEA	Not detected/g	Internal method – 542 071 (based on NF ISO 21528)
E. COLI	Not detected/g	Internal method – 542 060 (based on NF ISO 16649)

*Analysis carried out according to the checking plan, once a year.

** Calculated value based on Keranat oil batch analysis

This ingredient is intended to be formulated in food supplements and functional foods. Targeted consumers are adults. It is not intended to children, pregnant or breastfeeding women or people presenting health issues.

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