

Laboratory Certificate

COA N.: 2325623089

Code : PC-AN-03-1 ED.: 3

Date: November 24, 2023

THE GATHERING OF SAFFRON THREADS 12 TINS X 1 GRAM | GRADE SELECT

Product of Spain

Lot Number: **23256**

Physical Characteristics	Results
Aspect	Stigmas of the plant <i>Crocus sativus</i> Linnaeus, dried and trumpet shaped, serrated or indented at the distal end, free from any foreign materials. The stigmas may be isolated or joined in twos or threes at the end of a portion of the style, which is white/yellow in color.
Color	Dark red
Smell	Specific and persistent aroma, without anomalous notes
Taste	Bitter flavor, lightly piquant (spicy) and penetrating
Size	The length of stigmas is between 20 mm and 40 mm
Additives	Saffron does not contain any additive, and any natural or artificial colorant adding

Chemical Characteristics	Results	Method of Test	Limits
Moisture and volatile matter	10.0%	ISO 3632-2:2011. Clause 7	<12%
Total ash	5.5%	ISO 928:2009	<8%
Acid-insoluble ash	0.5%	ISO 930:2009	<1%
Picrocrocine (taste-bitterness)	92.5	ISO 3632-2:2011. Clause 14	Min 70
Safranal (smell)	32.3	ISO 3632-2:2011. Clause 14	Min 20 Max 50
Crocine (coloring strength)	258.0	ISO 3632-2:2011. Clause 14	Min 180
Artificial colorants: (Amaranth, Yellow 2G, Sunset Yellow S, Quinoleine Yellow, Azorubine, Orange II, Ponceau 4R, Rocelline, Tartrazine) (ParaRed, Red Sudan I, II, III, IV, Red Sudan G, Red Sudan 7B)	Free	ISO 3632-2:2011. Clause 16	Free < MRPL
	Not detected	MET-47 internal HPLC/DAD	Not Detected
Mycotoxins	Product does not contain any mycotoxins		
Pesticides	Not exceeding tolerances established by current legislation. Regulation (EU) No.396/2005		
Heavy Metals	In accordance with current legislation		

Microbiological Characteristics	Method of Test	Results	Request
Escherichia coli	ISO16649-2:2001	< 10 ufc/g	< 10 ² ufc/g
Salmonella	SAL/10	Absent	Absent in 25g

Expiration date: Best before end 2026

Test results included in this report are extracted from the analyses performed by Laboratorio del Servicio de Inspección SOIVRE (Alicante), Laboratorio LQM (San Gines), Laboratorio CTC (Molina del Segura) and Laboratorio AGI (Novelda)