


# PRODUCT SPECIFICATION And Certificate of Analysis

<p><b>COLUMPIO</b> <b>Saffron Powder Grade ISO III</b></p> <p>Lot Number: 23257 Pack Date: November 2023 Best Before end 2026</p>	
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Test results included in this report are extracted from the analyses performed by Laboratorio del Servicio de Inspección SOIVRE (Alicante), Laboratorio TACSA (Catarroja) & Laboratorio AGI (Novelda)  
Saffron is completely suitable for human consumption and in accordance with European Union Regulation of food products and Spanish food law.

Physical Characteristics	Results		
Aspect	Free-flowing powder without agglomerations and free from any foreign materials		
Color	Orange red		
Smell	Specific and persistent aroma, without anomalous notes		
Taste	Bitter flavor, lightly piquant, spicy and penetrating.		
Size	Complete sieving through 0.5 mm sieve		
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	<b>7.1%</b>	ISO 3632-2:2011. Clause 7	<10%
Total ash	<b>6.2%</b>	ISO 928:2009	<8%
Acid-Insoluble ash	<b>0.5%</b>	ISO 930:2009	<1%
Picrocrocine (taste-bitterness)	<b>62.3</b>	ISO 3632-2:2011. Clause 14	Min 40
Safranal (smell)	<b>30.8</b>	ISO 3632-2:2011. Clause 14	Min 20 Max 50
Crocine (colorina strenath)	<b>146</b>	ISO 3632-2:2011. Clause 14	Min 120
Artificial colorants: (Amaranth, Yellow 2G, Sunset Yellow S, Ouinoleine Yellow, Azorubine, Orange 11, Ponceau 4R, Rocelline, Tartrazine)	<b>Free</b>	ISO 3632-2:2011. Clause 16	Free< MRPL
Artificial colorants: (ParaRed, Red Sudan I, II, III, IV, Red Sudan G, Red Sudan 7B)	<b>Not detected</b>	MET-47 internal HPLC/DAD	Not Detected
Mycotoxins	Product does not contain mycotoxins		
Pesticides	Not exceeding tolerances established by current legislation.		
Heavy Metals	In accordance with current legislation		
Microbiological Characteristics	Method of test	Results	Standard
Escherichia coli	ISO16649/1:2001	< 10 ufc/g	100 cfu/g
Salmonella	SAL/10	Absent	Absent in 25g
GMO Statement	Does not contain genetically modified organism (GMO)		