

 <p>Laboratoire d'analyse de produits agricoles.</p> <p>17 avenue du chemin Neuf 04800 Gréoux-les-Bains FRANCE</p> <p>Tél.: 09 81 87 17 47 Fax: 04 92 73 17 47 contact@laboratoire-anascan.com www.laboratoire-anascan.com</p>	<p>Analysis report 021918RA008</p> <p>Spectrophotométric analysis of SAFFRON</p> <p>2017 BULGARIA</p>	<p>Fante Agro Ltd Trudovec village, Hristo Botev str n°23 2140 Botegrad Bugaria</p> <p>Vasil Chikov fanteagro@abv.bg</p> <p>Date : February 20th 2018 Page : 1</p>
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Quality management is under the ISO 17025 : « *General requirements for the competence of testing and calibration laboratories* »

Sample

Safran harvested in 2017, sampled by the customer.
Received and analyzed the February 19th 2018.

Determination of moisture and volatile matter content:

According to ISO 3632-2:2010, clause 7.

	Sample 2017	Categories 1, 2 et 3	Conformity
w_{MV} (measured)	8,0%	max. 12%	CONFORM

Main characteristics using UV-Vis spectrometric method:

According to ISO 3632-2:2011.

$A_{1\%1cm}$ measured	Strength in	Sample 2017	ISO Category 1	Conformity
257 nm	Flavour (picrocrocin)	102 ± 1	min. 70	CONFORM 1
330 nm	Aroma (safranal)	36 ± 1	min. 20 ; max. 50	CONFORM
440 nm	Colouring (crocin)	242 ± 7	min. 200	CONFORM 1

Mean of three analysis (n=3) ± 2xSD (according to COFRAC). Confidence interval of 95,5%.
Conformity is established taking into account the confidence interval.

Conclusion:

The saffron produced in 2017 is CONFORM to the category 1 of the ISO 3632-2.

Done in Gréoux les Bains the February 20th 2018.

Denis RONTEIN, PhD

A handwritten signature in black ink that reads "Denis Rontein". The signature is written in a cursive style with a long horizontal stroke at the end.

AnaScan SARL, capital social de 33,400 €, SIRET 509 152 138 00012, RCS MANOSQUE,
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