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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 2018, sampled by the customer.  
Received the 12/18/2018 and analyzed the 12/18/2018.

**Determination of moisture and volatile matter content:**

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

	<b>Batch 1-1410-1511</b>	Categories 1, 2 et 3	Conformity
$w_{MV}$ (measured)	<b>12%</b>	max. 12%	<b>CONFORM</b>

**Main characteristics using UV-Vis spectrometric method:**

According to ISO 3632-2:2011.

$A_{1cm}^{1\%}$ measured	Strength in	<b>Batch 1-1410-1511</b>	ISO Category 1	Conformity
257 nm	Flavour (picrocrocin)	<b>80 ± 1</b>	min. 70	<b>CONFORM 1</b>
330 nm	Aroma (safranal)	<b>34 ± 1</b>	min. 20 ; max. 50	<b>CONFORM</b>
440 nm	Colouring (crocin)	<b>214 ± 4</b>	min. 200	<b>CONFORM 1</b>

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 2018 is **CONFORM** to the category 1 of the ISO 3632-2.