



LABORATORI
D'ENGINYERIA PAPERERA
I MATERIALS POLIMÈRICS



Universitat
de Girona

SENSORY ANALYSIS. EUROPEAN STANDARD EN 1230:1993

Paper and board intended to come into contact with foodstuffs. Sensory analysis

1.- SAMPLE DESCRIPTION

- Sample: OFFSET BLANCURA 103

2.- FACTORY

- TORRASPAPEL, S.A.

3.- TEST CONDITIONS AND RESULTS

Flavour transferred test into indirect contact

- Date and place of testing: February, 17th 2005
'Secció d'Anàlisi Sensorial i Laboratori del Gust'
Dptm. EQATA-Universitat de Girona
Avda. Lluís Santaló s/n 17071 GIRONA
- Temperature: 23 ± 2 °C
- Relative humidity: 53 %
- Test food product: chocolate
- Period: 48 h
- Panel: 8 experienced assessors
- Tasting method: triangular test duplicated

RESULTS of flavour transferring test

The number of answers that has detected perceptible differences are: 4. Minimum number of correct answers for defining the difference between the sample and the reference at 5% of significance level and 16 triangles are 9 answers (UNE 87-008-92).

Membre de:



XARXA DE CENTRES
DE SUPORT
A LA INNOVACIÓ
TECNOLÒGICA

The intensity of the taint is evaluated using following scale:

- 0 = no perceptible off-flavour
- 1 = off-flavour just perceptible (still difficult to define)
- 2 = slight off-flavour
- 3 = distinct off-flavour
- 4 = strong off-flavour

Nº answers perceiving differences	Flavour Intensity
4	0,25

Odour transferred test into indirect contact

- Date and place of testing: February, 17th 2005
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Avda. Lluís Santaló s/n 17071 GIRONA
- Temperature: 23 ± 2 °C
- Test pieces are introduced into a wide-necked flat bottom flask and kept closed and in the dark at 23 ± 2 °C for 24 h.
- Period: 24 h
- Panel: 8 experienced assessors
- Testing method: one balloon per experienced assessor

RESULTS of odour transferring test

Table presents the values of aromatic intensity detected by the experts, in a range between 0 and 4.

Odour Intensity
1,25

5.- CONCLUSION

Sensory analysis points out that there are no significant differences, at 5% of significance level, between the handled chocolate and the control chocolate.

In conclusion, in these experimental conditions, the sample: OFFSET BLANCURA 103 does not transfer any deviating odour and flavour to chocolate, so this paper is **suitable** to come into contact with foodstuffs.

Service responsible



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