



test report

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Test laboratory number

Reference number **06A12J1991**

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B&H Colour Change Ltd.
212 St. Ann's Hill
London
SW18 2RU

This report is made subject to the conditions that it is confidential and may not be disclosed in whole or part to others without written consent

Order no: POR00426
Attention: Stephen Barker

Test material: Sample of Instant Cook Check Sensors:
Yellow - poultry
White - steak

Sampled and supplied by: B&H Colour Change Ltd.

Samples received: 2 October 2006

Date(s) of testing: 2 to 20 October 2006

Test(s) required: Overall migration by total immersion into simulant B;
exposure conditions 15 minutes at reflux.

Overall migration by total immersion into simulant D;
exposure conditions 15 minutes at 100°C.

Overall migration simulants and conditions as defined in EC Directive 97/48/EC.
Simulant B - 3% w/v acetic acid
Simulant D - rectified olive oil

Method(s): *Overall migration into aqueous simulant (B)*
After exposure to the simulant under conditions specified, test specimens were removed from contact; the aqueous extract was transferred to a weighed container and evaporated to dryness and constant weight.
EN 1186 - 3 - total immersion

remarks

Matthew Gravett

Tested M. Gravett

Allison Leach

Date 20/10/06

Checked A. Leach



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Overall migration into olive oil (simulant D)

After exposure to the simulant under conditions specified, test specimens were removed from contact; excess oil blotted off, and re-weighed. Absorbed oil was determined by extraction and GC quantification.
EN 1186-2 - total immersion

Test results:

The overall migration is expressed as the amount in milligrams of material lost from one decimetre square surface (mg/dm²). As the total immersion method was used, results were calculated taking into account the area of only one surface of the test specimen, i.e. for a 1 dm² test specimen the surface area used for the calculation was 1 dm².

Sample: *'Instant Cook Check Sensors'*
Test conditions: Simulant B - 15 minutes at reflux
Simulant D - 15 minutes at 100°C

Method	EN 1186-3 Migration into 3% w/v acetic acid (Simulant B) mg/dm ²	EN 1186-2 Migration into olive oil (Simulant D) mg/dm ²
Replicates		
1	1.6	3.0
2	1.0	3.3
3	1.6	3.0
4	-	3.1
Mean result	1.4	3.1
Limit	10.0	10.0

remarks

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Pira's analytical group is accredited by UKAS against ISO 17025. Unless otherwise indicated, all results in this report are covered by our scope of accreditation. All comments and opinions expressed are those of Pira International and as such do not fall under our scope of UKAS accreditation.

Samples will be retained for 3 months after the completion of testing and will then be disposed of, unless the client requests otherwise.

remarks

Matthew Gravett

Allison Leach

Tested M. Gravett

Date 20/10/06

Checked A. Leach