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Date: 7th February 2011

**DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY
FOOD COMPOSITION SECTION**

CONFIDENTIAL CERTIFICATE OF ANALYSIS

Analysis of Global Migration from Plastics

Report No. AC/REP/122341/20

Checked by :

Authorised by :

Name :

K.A Grey

Authorised Signatories:

J.B. South	Head of Chemistry & Biochemistry Dept.
R.C. Butler	Food Composition Group Manager
K.A. Grey	Metals & Materials Group Manager

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SUMMARY

One sample was tested for global migration to EC Regulations (2002/72/EC and amendments up to 2007/19/EC) using food simulants.

SAMPLE INFORMATION

Date sample(s) received : 4th February 2011
Condition of sample(s) on receipt: : The sample was free from any apparent (or obvious) physical defects as received into the lab
Storage conditions : Ambient
Date(s) of analysis : 4th - 7th February 2011

METHODS AND REFERENCES

Notebook reference(s) : DL5M/A9, p68
Method reference(s) : TES-AC-501, In house method based on the British
(or literature reference(s)) Standard BS-EN 1186:2002
Deviations from the : Four test specimens were used in each overall migration test
method reference(s) performed r with food simulants to ensure that a minimum of three valid test results were obtained

Where the test result for a replicate was found to be less than the limit of detection the calculated numerical value, M (as defined in clause 3.6.1 of EN 1186-3:2002 for aqueous testing) and not the limit of detection was used for that replicate for the purpose of calculating the mean overall migration result. Where the calculated numerical value was negative, a value of zero has been used for purposes of calculating the mean

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**DEPARTMENT OF CHEMISTRY & BIOCHEMISTRY
FOOD COMPOSITION GROUP**

CERTIFICATE OF ANALYSIS - MIGRATION TESTING

Company : The Drinking Straw Company
Product description : Plastic Drinking Straws
Campden BRI code : AC/122341/20
Date received : 4th February 2011
Date of analysis : 4th - 7th February 2011
Simulant : 3% (W/V) Acetic Acid
Contact time/temperature : 30mins @ 40°C
Test results : 0.73, 0.62, 0.45, 0.33 mg/dm²
Mean test results : 0.5mg/dm²
Comments : Limit for Global Migration : 10mg/dm²

Sample was tested by total immersion with an approximate area of 2.43dm²