

Tower Close, St. Peters Industrial Park, Huntingdon, Cambs. England PE29 7BZ

Telephone: +44 (0) 1480 459413 • Fax: +44 (0) 1480 459274 • Customer Service Fax: +44 (0) 1480 458045 www.soloeurope.co.uk

#### Materials and Articles in Contact With Food Declaration

We SOLO CUP EUROPE, Huntingdon, UK, hereby declare that the materials and articles manufactured/supplied by our company, for CC&CO, comply in all respects with the Materials and Articles in Contact With Food Regulation 1935/2004 and directive 2023/2006; 2002/72/EC, with regards to:

- Material compatibility with direct food contact
- 2 Migration testing
- 3 Complete traceability from packed goods to the batch of raw materials used
- 4 Product specification
- 5 Use of the Product

	L	Ise of the Prod	duct	
Product Material Group	Hot Fill (1°C-93°C)	Cold Fill (1°C- 28 °C)	Short Shelf Life Food (aqueous and dry)	Storage Conditions
EPS	yes	yes	yes	Dry and ambient
PET	no	yes	yes	Dry and ambient
PS	no	yes	yes	Dry and ambient
PP	no	yes	yes	Dry and ambient
Paper	yes	yes	yes	Dry and ambient

Our products are manufactured in compliance with good manufacturing practice (GMP).

Company address:

SOLO CUP EUROPE, Tower Close, St Peters Industrial Park, Huntingdon

Cambridgeshire, PE29 7BZ, United Kingdom

Signature Gina Sant

Quality Assurance Tech

Date: 14th Aug 2009



hereby grants a

### CERTIFICATE OF COMPLIANCE

### SOLO CUP EUROPE LIMITED

Relevant to the requirements of the scope of this certificate and in accordance with the:-Global Standard for Packaging and Packaging Materials (Issue 3 January 2008)

Address to which the Audit and Certificate applies TOWER CLOSE, ST. PETERS INDUSTRIAL PARK. HUNTINGDON CAMBRIDGESHIRE PE29 7BZ

Scope of Certification

THE MANUFACTURE OF DISPOSABLE FOOD PACKAGING PAPER CUPS, EPS CUPS AND CONTAINERS, PRINTED AND PLAIN. THERMOFORMED LIDS AND POTS, PRINTED AND PLAIN PET LIDS AND POTS, PRINTED AND PLAIN FOOD SERVICE LIDS.

Exclusions from the scope

Other disposable food packaging products sold by the company but manufactured/imported from Solo Cup in the USA

Category

Signed for and on behalf of Knight International Inspectorate PhilipUnight

This Certificate is granted to the Company subject to it maintaining its systems in accordance with the requirements of the Technical Standard detailed above

Certificate Reference - 9150

205004 Auditor Number -

Date of Audit - 8th & 9th June 2009

Effective date of certification - 22nd June 2009

Certification Period (Months) - 12 months

Re-Audit due before date - 8th June 2010

Certificate expiry date - 22nd June 2010

ISSUED BY

knight international inspectorate

**Quality House** 

Hough Lane • Anderton • Northwich Cheshire CW9 6AN

#### Pira International

Cleeve Road, Leatherhead Surrey KT22 7RU United Kingdom Tel +44 (0) 1372 802000

Fax +44 (0) 1372 802238

www.piranet.com



#### **Food Contact Plastics**

# Certificate of Conformity with the Overall Migration Requirements of EC Directive 2002/72/EC as amended

Certificate no: 2008/3616

Product Name:

'Polypropylene'

Date of Issue:

7 February 2008

Pira Reference No:08A12J3360

Manufacturer/

Supplier:

Solo Cup Europe Ltd

Address:

**Tower Close** 

St. Peters Industrial Park

Huntingdon Cambs. PE29 7BZ

The above product has been tested for overall migration with the simulants and test conditions listed below. The food simulants and test conditions are those defined in EC Directive 97/48/EC.

	Test Conditions		
Food Simulants	Duration	Temp/°C	
Simulants B and D	10 days	40°C	

The overall migration results obtained were found to be below the overall migration limits defined in EC Directive 2002/72/EC as amended.

The above product therefore fully meets the overall migration requirements of EC Directive 2002/72/EC as amended, for use with all classes of foodstuff for;

- (a) any period at temperatures up to 40°C, and/or
- (b) periods up to 2 hours at temperatures up to 70°C, and/or
- (c) periods up to 15 minutes at temperatures up to 100°C, as specified in EC Directive 97/48/EC.

Certified by: Allison Chambers

Senior Analytical Chemist

Ari Chia

Analytical Services



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Test laboratory number

Reference number 08A12J3360

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

Order no: 102274 Attention: Gina Sant

Test material:

**Tower Close** 

SoloCup Europe Ltd

St Peters Industrial Park

Huntingdon, PE29 7BZ

One sample of Polypropylene

Sampled and supplied by:

Solo Cup Europe Ltd

Samples received:

15 January 2008

Date(s) of testing:

18 January to 7 February 2008

Test(s) required:

Overall migration by filling into simulants B and D;

exposure conditions 10 days at 40°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 simulants (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 - 9 - single side contact by filling.

remarks

Deborah Sullivan

Tested Culmin

Allison Chambers

Date 7/2/0

Checked of Chent



SoloCup Europe Ltd

St Peters Industrial Park

Huntingdon, PE29 7BZ

**Tower Close** 

test report

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Order no: 102274 Attention: Gina Sant

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 1186-8 - single side contact by filling

Test results:

The overall migration is expressed as the amount in milligrams of material lost from one decimetre square surface (mg/dm²). As the filling 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:

Test conditions:

Polypropylene

10 days at 40°C

Method	EN 1186-3	EN 1186-2
	Migration into	Migration into
	3% w/v acetic acid	olive oil
	(Simulant B)	(Simulant D)
Replicates	mg/dm²	mg/dm²
1	0.0	0.0
2	0.0	0.0
3	0.0	0.0
4	<u> </u>	0.0
Mean result	0.0	0.0
Limit	10.0	10.0

remarks

Deborah Sullivan

Date

7/2/08

Tested Commi

Allison Chambers

Checked

A Clint



Huntingdon, PE29 7BZ

test report

Pira International Cleeve Road, Leatherhead, Surrey KT22 7RU, United Kingdom Telephone: +44 (0)1372 802000 Fax: +44 (0)1372 802238 www.piranet.com Test laboratory number

Reference number

08A12J3360

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Tower Close
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Tower Close
St Peters Industrial Park
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Order no: 102274

Order no: 102274 Attention: Gina Sant



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

remarks

Deborah Sullivan

Allison Chambers

Tested Culin

Date 7/2/

Checked A. Clint





SOLO EUROPE TOWER CLOSE, ST. PETERS INDUSTRIAL PARK HUNTINGDON CAMBRIDGESHIRE PE29 7BZ

UNITED KINGDOM

Attn: Alastair Reed

Date: 13 March 2007

Testing conducted between 20/02/2007 and 06/03/207

Sample Description: PET Container

Tests Required: Overall Migration Testing



#### Results:

Simulant	Conditions	Migration
3% Acetic Acid	10 days at 40°C	0.4 mg/kg
95% Ethanol	10 days at 40°C	<0.1 mg/dm <sup>2</sup>
Iso-octane	2 days at 20°C	0.1 mg/dm <sup>2</sup>

The material was tested in accordance with the requirements of the Plastic Materials and Articles in Contact with Food Commission Directive 2002/72/EC following Methods BSEN 1186:2002.

The Regulations require that no plastic material shall be capable of transferring its constituents to food with which it may come into contact in quantities exceeding the appropriate limit. For the material the appropriate limit is 10 mg/dm<sup>2</sup>.

The migration from the material was less than the maximum permitted by the Regulations.

Signed

Jean Pine, BSc,

Analytical Chemist, Hardlines Department

\*\*\* End of Report \*\*\*

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Reference number 07A12J3214b

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Solo Cup Europe Ltd Tower Close

St Peters Industrial Park Huntingdon PE29 7BZ Order no: 099492/0 & 099493/0
Attention: Alastair Reed

Test material:

Four samples identified as:-

1) PS-plastic pots (USA Manufacturing)

Sampled and supplied by:

Solo Cup Europe Ltd

Samples received:

16 August 2007

Date(s) of testing:

17 August to 19 September 2007

Test(s) required:

Overall migration by filling into simulant B; exposure

conditions 10 days at 40°C.

Overall migration by filling with Iso octane; exposure

conditions 2 days at 20°C.

Overall migration by total immersion into 95% ethanol;

exposure conditions 10 days at 40°C.

Overall migration simulants and conditions as defined in

EC Directive 97/48/EC.

Simulant B - 3% w/v acetic acid

remarks

Deborah Sullivan

Tested

Date

12/12/0

Allison Leach

Checked A Lon



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Page 2 of 3

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Order no: 099492/0 & 099493/0 Attention: Alastair Reed

Method(s):

Huntingdon PE29 7BZ

Overall migration into aqueous simulant B and into iso octane and 95% ethanol

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 - 9 - single side contact by filling.

EN 1186 - 14 - substitute tests for overall migration into iso-octane and 95% aqueous ethanol.

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 and filling methods were 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.

remarks

Deborah Sullivan

Allison Leach

Tested

Date

Checked



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07A12J3214b

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Order no: 099492/0 & 099493/0 Attention: Alastair Reed

Sample:

Solo Cup Europe Ltd

St Peters Industrial Park

Huntingdon PE29 7BZ

Tower Close

PS-plastic pots (USA Manufacturing)

Test conditions:

95% ethanol & simulant B: 10 days at 40°C

iso octane: 2 days at 20°C

	EN 1186-3	EN 1186-14	EN 1186-14
	Migration into	Migration into	Migration into
	3% w/v acetic acid	95% v/v ethanol	Iso octane
Method	(Simulant B)	(Simulant D)	(Simulant D)
Replicates	mg/dm²	mg/dm²	mg/dm²
1	1.8	1.1	0.0
2	0.0	0.0	0.0
3	0.2	0.7	0.0
4	) <del>.</del>	0.7	0.0
Mean result	0.7	0.6	0.0
Limit	10.0	10.0	10.0



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

remarks

Deborah Sullivan

Allison Leach

Tested

Date /2//2//2

Checked

A Leal



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Test laboratory number

07A12J3216

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Page 1 of 2

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

Order no: 99550 Attention: Gina Sant

Test material:

Tower close

Solo cup Europe Ltd

St peters Industrial Park

Huntingdon, Cambs. PE29 7BZ

One sample of white lids

Sampled and supplied by:

Solo Cup Europe Ltd

Samples received:

20 August 2007

Date(s) of testing:

20 August to 3 September 2007

Test(s) required:

Overall migration by total immersion into simulants B and 50%v/v ethanol; exposure conditions 2 hours at

70°C.

Overall migration simulants and conditions as defined in

EC Directive 97/48/EC.

Simulant B - 3% w/v acetic acid

Method(s):

Overall migration into aqueous simulants (B and

50%v/v ethanol)

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

Deborah Sullivan

Allison Leach

Tested Tested

Date 3/9/07

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Test laboratory number

Reference number 07A12J3216

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Order no: 99550 Attention: Gina Sant

#### Solo cup Europe Ltd

Tower close St peters Industrial Park Huntingdon, Cambs. PE29 7BZ

www.piranet.com

#### 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:

Test conditions:

White lids

2 hours at 70°C

	EN 1186-3 Migration into	EN 1186-3 Migration into	
	3% w/v acetic acid	50% v/v ethanol	
Method	(Simulant B)		
Replicates	mg/dm²	mg/dm²	
1	2.0	0.0	
2	1.3	0.0	
3	0.6	0.0	
4	-	0.0	
Mean result	1.3	0.0	
Limit	10.0	10.0	



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

remarks

Deborah Sullivan

Allison Leach

Tested Drsw

Date 7/9/07

Checked A Leas



Direct Dial: (847) 405-2174 Fax: (847) 405-2101

E-mail: kelvin.okamoto@solocup.com

September 10, 2007

Jarrod Normie
Carryout Solutions
Unit 2 Brookside Bus Park
Greengate Middleton
Manchester, England M24 1GS
UNITED KINGDOM
jarrodnormie@carryoutsolutions.co.uk

#### U.S. FOOD AND DRUG COMPLIANCE CERTIFICATE

#### **GSP49** Polyethylene Coated Paper Food Scoop

This letter certifies that Solo Cup paper products meet the FDA requirements contained in the Code of Federal Regulations in Table 2 of 21 CFR §176.170 ("Components of paper and paperboard in contact with aqueous and fatty foods") covering aqueous and fatty foods. These products also meet the criteria for food contact applications listed under conditions in Section §176.180 ("Components of paper and paperboard in contact with dry food").

You must make your own determination that your use of product(s) is safe, lawful, and technically suitable in your intended applications.

Sincerely,

Kelvin T. Okamoto, Ph.D.

Solo Cup Company

Manager, Materials Engineering

Cc: K. Frankovich, D. Schmitz, A. Reed- Solo Cup

#### Test Report BAN 106571 / 1b

Amending Test Report BAN106571/1





Solo Europe Tower Close St. Peters Industrial Park Huntingdon Cambridgeshire PE29 7BZ

United Kingdom

Attn: Alastair Reed

Date: 9 August 2007

Testing conducted between 27/03/2007 and 29/03/2007

Sample Description: P

Paper Cups

Details of Sample:

A sample of plastic lined white paper cups.

Tests Required:

Overall Migration Testing

#### Results:

Simulant	Conditions	Migration
3% Acetic Acid	30 minutes at 70°C followed by 3.5 hours at 40°C	0.3 mg/dm <sup>2</sup>
10% Ethanol	30 minutes at 70°C followed by 3.5 hours at 40°C	<0.1 mg/dm <sup>2</sup>

The material was tested in accordance with the requirements of the Plastic Materials and Articles in Contact with Food Commission Directive 2002/72/EC following Methods BSEN 1186:2002.

The Regulations require that no plastic material shall be capable of transferring its constituents to food with which it may come into contact in quantities exceeding the appropriate limit. For the material the appropriate limit is 10 mg/dm<sup>2</sup>.

The migration from the material was less than the maximum permitted by the Regulations.

Melvyn Wolff

Hardlines Technical Manager

\*\*\* End of Report \*\*\*

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SOLO EUROPE TOWER CLOSE, ST. PÉTERS INDUSTRIAL PARK HUNTINGDON CAMBRIDGESHIRE PE29 7BZ

Attn: Alastair Reed

UNITED KINGDOM

Test Report No. BTO 106578/1

Date: 06/03/2007

Testing conducted between 27/02/2007 and 28/02/2007

Sample Description:

1oz Paper souffle

Details of Sample:

A sample of small cream paper containers



Testing Required:

For compliance with the European Standard on Safety of Toys:

BSEN 71-3:1995 Incorporating Amendment No. 1

Pass

Conclusions:

The submitted samples as detailed above, complied with the requiremen

as listed above.

Comments:

To check for compliance with materials and articles in contact with food heavy metal migration as carried out under this report was deemed the most appropriate test, along with tests reported under BAN 106578/2.

Signed L.R. Sanduns

L. R. Sandwith, BSc (Hons) Chemical-Technologist



Page 2 of 2

BTO 106578 / 1

#### **APPENDIX**

### BSEN 71-3:1995 Incorporating Amendment No. 1 MIGRATION OF CERTAIN ELEMENTS

#### 10. Determination Of The Quantity Of Migrated Elements

Analysis of samples for migration of certain elements for BSEN 71-3: 1995 requirements was carried out using Atomic Absorption or Inductively Coupled Argon Plasma Spectrometry.

#### Adjusted Analytical Results

Results Quoted as mg soluble element per Kg material.

Element:	Arsenic	Barium	Cadmium	Chromium	Mercury	Lead	Antimony	Selenium
Limit:	25	1000	75	60	60	90	60	500
Sample 1	≤5	≤5	≤5	≤5	≤5	≤5	≤5	≤5

#### Results of Analysis:

PASS

#### **Details of Analytical Samples**

Sample 1 Off-white wax paper

\*\*\* End of Donort \*\*\*