

TEST REPORT

Applicant: DKB Household UK Ltd,
Bridge House,
Eelmoor Road,
Farnborough,
Hampshire,
GU14 7UE

For the Attention of: Joseph Sabapathy

Item Description: QC Ref ZYL 2208 (x3 samples submitted loose by client in visibly undamaged state)

Product Code E910072 described as “Easy Twist Apple Corer”

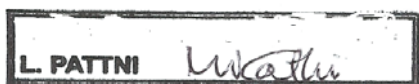
Report No: 24032801

Report Date: 30th April 2024

Test Request: See page 2 of this report.

Results and Comments: See page 2--8 of this report.

Conclusion: The above item as tested, PASSES, the requested requirements



Lax Pattni
Laboratory Manager
For and on behalf of
Northern Testhouse (Leicester) Limited.

Results reported in this report apply to the submitted item/sample only

This test report shall not be reproduced except in full, without written approval of the laboratory

†Indicates tests outside our current ISO/IEC 17025:2017 scope of accreditation

We sincerely hope that our service has met with or exceeded your requirements and would appreciate any comments from yourselves about the level of service you have received. Such feedback will assist us in our efforts to continually improve

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Test Request

BSEN1186:2002 Overall migration using Parts 1 & 3 to support commission regulations 10/2011(EU) and subsequent amendments, plastic materials and articles in contact with food regulations
Commission regulations 10/2011(EU) and subsequent amendments, plastic materials and articles in contact with food regulations (specific metal release examined)
Total cadmium content using IHM NTHL5 (October 2011) implementing BS EN1122: 2001, using microwave digestion. (Polymers examined to support REACH Regulations EC1907/2006
CPSC –CH-1002-08.3:2012 CPSIA Total Lead in substrates (Polymers examined to support REACH Regulations EC1907/2006
REACH Regulations EC1907/2006 (Restricted Phthalates, DEHP, DBP, BBP, DINP, DNOP, DIDP, DiBP examined)
Council directive 1935/2004/EC and subsequent amendments, framework directive for materials and articles in contact with food regulations (corer examined for specific metal release based on CM Resolution)
Italian decree of Ministry of Health of 21/03/1973 and its amendment, Italian decree of Ministry 21/12/2010, No 258) (corer examined for specific metal release)
Council directive 1935/2004/EC and subsequent amendments, materials and articles in contact with food regulations (sensory evaluation examined based on DIN 10955)

Photograph of Submission



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Governing Documents: BS EN1186:2002 overall migration using Parts 1 and 3 to support commission regulations 10/2011EU and subsequent amendments

Results (in mg/dm², <= less than)

Contact Temperature	70°C
Contact Period	2 Hours
Simulant	3% acetic acid
Contact Surfaces	Dark Grey Handle
Date of Exposure	17 th April 2024
Date of Testing	18 th April 2024
Exposure Volume	100ml
Overall Migration	<3.5 (Extraction 1)
	<3.5 (Extraction 2)
	<3.5 (Extraction 3)
Limit	10

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Governing Document: Commission regulations 10/2011EU and subsequent amendments (specific metal release examined)

Simulant	3% Acetic acid
Contact Temperature	70°C
Contact Period	2 Hours
Date of Exposure	17 th April 2024
Date of Testing	18 th April 2024
Exposure Volume	100ml
Contact Surfaces	1) Dark Grey Handle

Results (in mg/kg food, <= less than, N/S= Not specified, N/D= Not detected, Ext 1= Extraction 1, Ext 2= Extraction 2, Ext 3= Extraction 3)

Element	Sample 1			Limits
	Ext 1	Ext 2	Ext 3	
Aluminium	<0.1	<0.1	<0.1	1
Antimony†	<0.03	<0.03	<0.03	0.04
Arsenic†	N/D	N/D	N/D	N/D
Cadmium†	N/D	N/D	N/D	N/D
Calcium†	<20	<20	<20	N/S
Chromium†	N/D	N/D	N/D	N/D
Europium†	<0.04	<0.04	<0.04	0.05
Gadolinium†	<0.04	<0.04	<0.04	0.05
Barium	<0.1	<0.1	<0.1	1
Cobalt	<0.03	<0.03	<0.03	0.05
Copper	<0.5	<0.5	<0.5	5
Iron	<5	<5	<5	48
Lanthanum†	<0.04	<0.04	<0.04	0.05
Lead†	N/D	N/D	N/D	N/D
Lithium	<0.1	<0.1	<0.1	0.6
Magnesium†	<20	<20	<20	N/S
Manganese	<0.1	<0.1	<0.1	0.6
Mercury†	N/D	N/D	N/D	N/D
Nickel	<0.01	<0.01	<0.01	0.02
Potassium†	<20	<20	<20	N/S
Sodium†	<20	<20	<20	N/S
Terbium†	<0.04	<0.04	<0.04	0.05
Zinc	<0.5	<0.5	<0.5	5

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Governing Documents:

Total cadmium content using BS EN 1122: 2001 Method B, implementing in house test method NTHL5 (October 2011) (To support REACH Regulations EC1906/2007 Substance Entry 23)

CPSC –CH-1002-08.3:2012 CPSIA Total Lead (To support REACH Regulations EC1906/2007 Substance Entry 63)

CPSIA Lab ID: 1228

Analyses were conducted by ICP--OES.

All results are expressed in mg/kg

Materials Sampled (S Numbers)

Polymers

- 1) Dark Grey Handle

Results (<= less than)

S No	1	Limit
Element		
Cadmium	<10	100
Lead	<10	500

Date of Testing: 24th April 2024

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**Governing Document: REACH Regulations EC1907/2006 (Annex XVII
Restricted phthalates, Substances 51 and 52)**

Materials Tested (Sample Numbers)

Polymers

- 1) Dark Grey Handle

Results (in mg/kg; < = less than, > = greater than)

Sample	DINP	DNOP	DEHP	DIDP	BBP	DBP	DiBP	Rating
1	<225	<225	<225	<225	<225	<225	<225	Pass
Limit	1,000	1,000	1,000	1,000	1,000	1,000	1,000	

Phthalates

Phthalate		CAS Number
Abbreviated	Chemical Name	
DINP	Di-isononyl phthalate	28553-12-0
DNOP	Di-n-octyl phthalate	117-84-0
DEHP	Di (2-ethylhexyl) phthalate	117-82-8
DIDP	Di-iso-decyl phthalate	26761-40-0
BBP	Butyl benzyl phthalate	85-68-7
DBP	Di-butyl phthalate	84-74-2
DiBP	Diisobutyl phthalate	84-69-5

Date of Testing: 29th April 2024

Decision rules

Conformity statements contained within this test report, the laboratory applies decision rule based on “Binary Statement for Simple Acceptance Rule, Chapter 4.2.1 of ILAC G8/09:2019 Guidelines on Decision Rules and Statement of Conformity”, as agreed.

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†Governing Document: Council directive 1935/2004EC and subsequent amendments (specific metal release examined based on CM/Res (2013)/9

Contact Temperature	70°C
Contact Period	30 minutes
Simulant	0.5% Citric acid
Contact Surface	S1: Metal Corer
Date of Testing	5 th April 2024

Results (mg/kg food, <= less than; SRL= Specific Release Limit)

Element	1 st Ext	2 nd Ext	1 st + 2 nd Extracts <7xSRL	3 rd Ext	SRL
Aluminium	<1	<1	<1	<1	5
Antimony	<0.03	<0.03	<0.03	<0.03	0.04
Arsenic	<0.002	<0.002	<0.002	<0.002	0.002
Beryllium	<0.01	<0.01	<0.01	<0.01	0.01
Barium	<0.1	<0.1	<0.1	<0.1	1.2
Cadmium	<0.005	<0.005	<0.005	<0.005	0.005
Cobalt	<0.01	<0.01	<0.01	<0.01	0.02
Chromium	<0.1	<0.1	<0.1	<0.1	0.25
Copper	<0.1	<0.1	<0.1	<0.1	4
Iron	<5	<5	<5	<5	40
Lead	<0.01	<0.01	<0.01	<0.01	0.01
Lithium	<0.04	<0.04	<0.04	<0.04	0.048
Manganese	<0.1	<0.1	<0.1	<0.1	1.8
Mercury	<0.003	<0.003	<0.003	<0.003	0.003
Molybdenum	<0.1	<0.1	<0.1	<0.1	0.12
Nickel	<0.1	<0.1	<0.1	<0.1	0.14
Silver	<0.05	<0.05	<0.05	<0.05	0.08
Tin	<0.1	<0.1	<0.1	<0.1	100
Thallium	<0.0001	<0.0001	<0.0001	<0.0001	0.0001
Vanadium	<0.01	<0.01	<0.01	<0.01	0.01
Zinc	<1	<1	<1	<1	5

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†Governing Document: Italian decree of Ministry of Health of 21/03/1973 and its amendment, Italian decree of Ministry 21/12/2010, No 258)

Contact Temperature	70°C
Contact Period	30 minutes
Simulant	3% Acetic acid
Contact Surface	S1: Metal Corer
Date of Testing	5 th April 2024

3rd Extraction Specific Metal Release Results (in mg/kg food, <= less than)

Element	S1	Limit
Chromium	<0.1	0.1
Manganese	<0.1	0.1
Nickel	<0.1	0.1

†Governing Document: Council directive 1935/2004EC and subsequent amendments (Sensory evaluation based on DIN 10955:2004-06)

Grading Results

Sample

1) Complete Corer

Parameter	S1
Odour	0
Taste transfer, mineral water	1
Limit	2.5
Rating	Pass

Grading scale

0= no perceptible in odour

1= just perceptible difference in odour/taste transfer (still difficult to define)

2= slight difference in odour/taste transfer

3= marked difference in odour/taste transfer

4= strong difference in odour/taste transfer

End of Report