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FOODWARE
CATALOGUE



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About Us

Establishment of Nets Ecopac Sdn Bhd

Nets Ecopac Sdn. Bhd. was established in September 2019, located in strategic location at MRANTI PARK, forming known as Technology Park Malaysia. Specialised in manufacturing wide range of paper packaging's and products.

The idea and the plan of the company establishment was to manufacture, market and distribute innovative packaging products for food service industry to cover a wide range of occasions, under our iconic brand QURTAS

We also committed to creating a circular economy for packaging. To do our part to help achieve this, we are constantly developing high quality sustainable food packaging - so you can serve your customer the best.

Beside that, we also working along with 'Nets Eco' that can provide more services focus on environment aspects. Nets Eco, a brand by Nets Group of companies, which is a Malaysian FSC®, PEFC, ISO certified, and award-winning Eco-printing company with more than 20 years of experiences in the field. In NetsEco, we focuses on ecosystem building to provide a Sustainable Total Solutions towards sustainable civilization to shape an environmentally conscious community in Asia where we strive to balance the Economic, Social and Environmental impacts in all our business decisions.

Our Sustainable Branding



With such a key focus on sustainable products, look no further than our exclusive brand "QURTAS".

Whether your focus is want a products made from widely recyclable materials or making your site fully compostable, our exclusive brands have compelling sustainability features that you can be proud to use in your food service enviroment.



Our QURTAS brand is unique as the name itself mean 'paper' in Bahasa Malaysia language, we use sustainable packaging brand containing a range of fully recyclable and compostable products. Our products range are made from renewable resources like trees that can produce PAPER.

Our QURTAS product range contains paperbase cutlery and paperbase foodware packaging.





It's All About Nature



eco-friendly

This term is frequently used to refer to a product or process to give a positive environmental benefit. However, this term is highly subjective and tends to only refer to one environmental aspect of the product/process rather than the whole picture.

For example, a manufacturer for a recyclable coffee cup might call the product 'eco-friendly' because it can be recycled rather than buried in landfill. But if the product also has a high CO2 footprint is it still eco-friendly? Because this term is so open to interpretation and manipulation, it can be associated with Green Washing = misleading environmental facts.



sustainable

Sustainability is the method of using a resource for environmental benefits without depleting or permanently damaging it. This practice extends the natural life of the resource you're using without negatively affecting the atmosphere or the environment. This practice allows us to maintain the balance of meeting the needs of today's population without endangering future generations.



recyclable

Recycling is the process of breaking down and reusing materials that would otherwise be thrown away. Recycling utilizes existing materials to reduce energy usage, decrease pollution, and conserve natural resources such as wood and water. Repurposing waste products in an effective way helps slowly decrease the landfill sizes and increases air quality.



compostable

Compostable materials disintegrate into natural elements in a compost environment. Commercial composting facilities use ideal amounts of sunlight, temperature, and moisture to create an environment that rapidly breaks down materials. Always check the materials your composting facility accepts before sending your waste. Go green by requesting a composting bin from your local facility.

Our Raw Material & Product

Trees - Paper & Paper Board

Paper is a natural fibre made from trees. Being renewable, recyclable, compostable and biodegradable, it is an important raw material that replaces many everyday plastic products.

As part of our commitment to sustainable sourcing, we only source paper and paper board from reputable paper mills with evidence of sustainable and ethical forestry practices.

All pulp used in paper and kraft manufacture is derived from sustainably sourced forests and complies with relevant sustainably forest standards.

Sustainable sourced paper



Product Option

Most of the product have an option on plain or custom printed for your selection on your need.

Plain



Sustainably sourced paper



Sustainably kraft paper

- More economic option
- White/nature kraft
- Sustainable sourced paper
- Safe food contact

Custom Printed



Color printing available

- Food grade CMYK printing
- white / nature kraft color
- sustainable sourced paper
- safe food contact



Sustainable Eco
food Packaging

Paper Bowl



Leak resistant



Hot & cold
food



Recyclable



Food grade



Color printing
available



Available on
white paper



Available on
kraft paper

Sustainable Sourced Paper



Product Variation



QR-PB-01
500ml Paper Bowl
Top Ø : 149 mm
Bottom Ø : 128 mm
Height : 45 mm



QR-PB-02
750ml Paper Bowl
Top Ø : 149 mm
Bottom Ø : 128 mm
Height : 60 mm



QR-PB-03
900ml Paper Bowl
Top Ø : 180 mm
Bottom Ø : 160 mm
Height : 51 mm



QR-PB-04
1000ml Paper Bowl
Top Ø : 149 mm
Bottom Ø : 128 mm
Height : 75 mm



QR-PB-05
1100ml Paper Bowl
Top Ø : 164 mm
Bottom Ø : 145 mm
Height : 66 mm



QR-PB-06
1300ml Paper Bowl
Top Ø : 164 mm
Bottom Ø : 145 mm
Height : 75 mm



QR-PB-07
1500ml Paper Bowl
Top Ø : 185 mm
Bottom Ø : 160 mm
Height : 65 mm



QR-PB-LID
Paper Bowl Lid
varies size to fit
container

Square Paper Bowl



Leak resistant



Hot & cold food



Recyclable



Food grade



Color printing available



Available on white paper



Available on kraft paper

Sustainable Sourced Paper



Product Variation



QUR-SPB-01

580ml Square Paper Bowl

Top : 168 (W) x 120 (D) mm
Bottom : 150 (W) x 102 (D) mm
Height : 45 mm



QUR-SPB-02

750ml Square Paper Bowl

Top : 168 (W) x 120 (D) mm
Bottom : 150 (W) x 102 (D) mm
Height : 55 mm



QUR-SPB-03

880ml Square Paper Bowl

Top : 168 (W) x 120 (D) mm
Bottom : 146 (W) x 98 (D) mm
Height : 98 mm



QUR-SPB-04

1000ml Square Paper Bowl

Top : 168 (W) x 120 (D) mm
Bottom : 148 (W) x 98 (D) mm
Height : 75 mm



QUR-SPB-LID

Square Paper Bowl Lid

varies size to fit container



Soup Container



Leak resistant



Hot & cold food



Recyclable



Food grade



Color printing available



Available on white paper



Available on kraft paper

Sustainable Sourced Paper



The mark of responsible forestry



PEFC

Product Variation



QUR-SC-01
8oz 240ml
Soup Container
Top Ø : 90 mm
Bottom Ø : 72 mm
Height : 62 mm



QUR-SC-02
12oz 360ml
Soup Container
Top Ø : 90 mm
Bottom Ø : 73 mm
Height : 86 mm



QUR-SC-03
16oz 460ml
Soup Container
Top Ø : 96 mm
Bottom Ø : 75 mm
Height : 101 mm



QUR-SC-04
26oz 780ml
Soup Container
Top Ø : 115 mm
Bottom Ø : 89 mm
Height : 118 mm



QUR-SC-05
32oz 930ml
Soup Container
Top Ø : 115 mm
Bottom Ø : 90 mm
Height : 134 mm



QUR-SC-LID
Soup Container Lid
varies size to fit container

Food Box



Recyclable



Food grade



Color printing available



Available on white paper



Available on kraft paper

Sustainable Sourced Paper



The mark of responsible forestry



PEFC



Product Variation



QUR-FBCH-01
Carry Handle Meal Box
125 x 125 x 130 mm



QUR-FBCH-02
Carry Handle Family Box
226 x 133 x 160 mm



Custom Size Available



QUR-FBSB-01
Small Dinner Box
170 x 105 x 55 mm



QUR-FBSB-02
Medium Dinner Box
175 x 105 x 68 mm



QUR-FBSB-03
Large Dinner Box
203 x 114 x 76 mm



Burger & French Fries Box



Recyclable



Food grade



Color printing available



Available on white paper



Available on kraft paper

Sustainable Sourced Paper



The mark of responsible forestry



PEFC

Burger Box



QR-FCHB-01
Medium Burger Box
97 x 95 x 65 mm



QR-FCHB-02
Large Burger Box
105 x 100 x 80 mm



QR-FCHB-03
Hot Dog Box
190 x 110 x 70 mm

French Fries Box



QR-FCFF-01
Medium
French Fries Box
90 x 50 x 105 mm



QR-FCFF-02
Large
French Fries Box
110 x 55 x 125 mm



Pizza Box



Recyclable



Food grade



Color printing available



Available on white paper



Available on kraft paper

Sustainable Sourced Paper



The mark of responsible forestry



PEFC PEFC034-32-018



Product Variation



QR-FCPZ-01
6 inch
Pizza Box
160 x 160 x 40 mm



QR-FCPZ-02
7 inch
Pizza Box
200 x 200 x 45 mm



QR-FCPZ-03
8 inch
Pizza Box
220 x 220 x 45 mm



QR-FCPZ-04
9 inch
Pizza Box
240 x 240 x 40 mm



QR-FCPZ-05
10 inch
Pizza Box
270 x 270 x 45 mm



QR-FCPZ-06
12 inch
Pizza Box
320 x 320 x 45 mm



Sandwich Box & Pillow Box



Recyclable



Food grade



Color printing
available



Available on
white paper



Available on
kraft paper



QR-FCSW-01
Sandwich Box
123 x 72 x 123 mm



Pillow Box



Custom Size
Available



QR-FCPL-01
Medium Pillow Box
155 x 85 x 30 mm



QR-FCPL-02
Large Pillow Box
200 x 80 x 25 mm

Popcorn Box



Recyclable



Food grade



Color printing available



Available on white paper



Available on kraft paper

Sustainable Sourced Paper



QUR-FCPC-01
Small Popcorn Box
80 x 80 x 110 mm

QUR-FCPC-02
Medium Popcorn Box
85 x 85 x 155 mm

QUR-FCPC-03
Large Popcorn Box
100 x 100 x 180 mm



Custom Size Available





Thick Kraft Food Tray



Recyclable



Food grade



Color printing
available



Thick Kraft



FSC
www.fsc.org
FSC C130284

The mark of
responsible forestry



Product Variation



QUR-FTTK-01

Thick Kraft Food Tray
Type 1

Top : 248 (W) x 174 (D) mm
Bottom : 198 (W) x 124 (D) mm
Height : 22 mm



QUR-FTTK-02

Thick Kraft Food Tray
Type 2

Top : 203 (W) x 163 (D) mm
Bottom : 156 (W) x 116 (D) mm
Height : 22 mm



QUR-FTTK-03

Thick Kraft Food Tray
Type 3

Top : 209 (W) x 139 (D) mm
Bottom : 155 (W) x 85 (D) mm
Height : 43 mm



QUR-FTTK-04

Thick Kraft Food Tray
Type 4

Top : 170 (W) x 148 (D) mm
Bottom : 125 (W) x 102 (D) mm
Height : 24 mm



QUR-FTTK-05

Thick Kraft Food Tray
Type 5

Top : 170 (W) x 122 (D) mm
Bottom : 137 (W) x 89 (D) mm
Height : 16 mm



QUR-FTTK-06

Thick Kraft Food Tray
Type 6

Top : 205 (W) x 141 (D) mm
Bottom : 149 (W) x 85 (D) mm
Height : 24 mm

Food Tray



Recyclable



Food grade



Color printing available



Available on white paper



Available on kraft paper

Sustainable Sourced Paper



The mark of responsible forestry



PEFC



Product Variation



QUR-FTPT-01
Food Tray Type 1

Top : 125 (W) x 90 (D) mm
Bottom : 73 (W) x 47 (D) mm
Height : 19 mm



QUR-FTPT-02
Food Tray Type 2

Top : 145 (W) x 100 (D) mm
Bottom : 85 (W) x 52 (D) mm
Height : 23 mm



Custom Size Available



QUR-FTPT-03
Food Tray Type 3

Top : 165 (W) x 120 (D) mm
Bottom : 100 (W) x 61 (D) mm
Height : 25 mm



QUR-FTPT-04
Food Tray Type 4

Top : 182 (W) x 122 (D) mm
Bottom : 105 (W) x 70 (D) mm
Height : 30 mm



QUR-FTPT-05
Food Tray Type 5

Top : 227 (W) x 155 (D) mm
Bottom : 138 (W) x 88 (D) mm
Height : 35 mm



QUR-FTPT-06
Food Tray Type 6

Top : 225 (W) x 178 (D) mm
Bottom : 168 (W) x 95 (D) mm
Height : 50 mm



QUR-FTPT-07
Small Meal Tray
105 x 50 x 50 mm



QUR-FTPT-08
Large Meal Tray
200 x 120 x 70 mm



QUR-FTPT-09
Open Ended Tray
179 x 42 x 40 mm



Takeaway Box



Recyclable



Food grade



Color printing available



Available on white paper



Available on kraft paper



Sustainable Sourced Paper



Product Variation



QR-FTTB-01
500ml

Takeaway Box

Top : 153 (W) x 103 (D) mm
Bottom : 135 (W) x 85 (D) mm
Height : 39 mm



QR-FTTBWW-01
500ml

Takeaway Box (window)

Top : 150 (W) x 100 (D) mm
Bottom : 135 (W) x 85 (D) mm
Height : 39 mm



QR-FTTB-02
700ml

Takeaway Box

Top : 168 (W) x 118 (D) mm
Bottom : 150 (W) x 100 (D) mm
Height : 45 mm



QR-FTTBWW-02
700ml

Takeaway Box (window)

Top : 168 (W) x 118 (D) mm
Bottom : 150 (W) x 100 (D) mm
Height : 45 mm



QR-FTTB-03
900ml

Takeaway Box

Top : 170 (W) x 134 (D) mm
Bottom : 150 (W) x 115 (D) mm
Height : 47 mm



QR-FTTBWW-03
900ml

Takeaway Box (window)

Top : 168 (W) x 134 (D) mm
Bottom : 150 (W) x 115 (D) mm
Height : 48 mm



QR-FTTB-04
1200ml

Takeaway Box

Top : 200 (W) x 140 (D) mm
Bottom : 180 (W) x 120 (D) mm
Height : 50 mm



QR-FTTBWW-04
1200ml

Takeaway Box (window)

Top : 199 (W) x 139 (D) mm
Bottom : 180 (W) x 120 (D) mm
Height : 50 mm



QR-FTTB-05
1600ml

Takeaway Box

Top : 207 (W) x 150 (D) mm
Bottom : 188 (W) x 130 (D) mm
Height : 60 mm



QR-FTTBWW-05
1600ml

Takeaway Box (window)

Top : 211 (W) x 150 (D) mm
Bottom : 188 (W) x 130 (D) mm
Height : 60 mm



QR-FTTB-06
2100ml

Takeaway Box

Top : 218 (W) x 165 (D) mm
Bottom : 195 (W) x 140 (D) mm
Height : 65 mm



QR-FTTBWW-06
2100ml

Takeaway Box (window)

Top : 218 (W) x 163 (D) mm
Bottom : 195 (W) x 140 (D) mm
Height : 65 mm

Takeaway Box With Lock



Recyclable



Food grade



Color printing
available



Available on
white paper



Available on
kraft paper

Sustainable Sourced Paper



The mark of
responsible forestry



PEFC
PEFC/34-32-018



Product Variation



QR-FTTBWL-01
700ml

Takeaway Box with Lock

Top : 150 (W) x 95 (D) mm
Bottom : 140 (W) x 85 (D) mm
Height : 50 mm



QR-FTTBWL-02
750ml

Takeaway Box with Lock

Top : 164 (W) x 128 (D) mm
Bottom : 151 (W) x 121 (D) mm
Height : 38 mm



QR-FTTBWL-03
800ml

Takeaway Box with Lock

Top : 133 (W) x 104 (D) mm
Bottom : 111 (W) x 89 (D) mm
Height : 64 mm



QR-FTTBWW-04
1000ml

Takeaway Box (window)

Top : 168 (W) x 136 (D) mm
Bottom : 150 (W) x 120 (D) mm
Height : 50 mm



QR-FTTBWW-05
1200ml

Takeaway Box (window)

Top : 125 (W) x 120 (D) mm
Bottom : 110 (W) x 105 (D) mm
Height : 90 mm



QR-FTTBWW-06
1400ml

Takeaway Box (window)

Top : 170 (W) x 138 (D) mm
Bottom : 155 (W) x 120 (D) mm
Height : 65 mm



QR-FTTBWW-07
1500ml

Takeaway Box (window)

Top : 220 (W) x 155 (D) mm
Bottom : 195 (W) x 132 (D) mm
Height : 48 mm



QR-FTTBWW-08
2000ml

Takeaway Box (window)

Top : 215 (W) x 158 (D) mm
Bottom : 195 (W) x 140 (D) mm
Height : 63 mm



QR-FTTBWW-09
3300ml

Takeaway Box (window)

Top : 327 (W) x 186 (D) mm
Bottom : 210 (W) x 160 (D) mm
Height : 60 mm



Cake Box



Recyclable



Food grade



Color printing available



Available on white paper



Available on kraft paper

Sustainable Sourced Paper



Custom Size Available



QUR-FCCB-01
Slice
Cake Box
150 x 112 x 83 mm



QUR-FCCB-02
6 inch
Cake Box
203 x 203 x 127 mm



QUR-FCCB-03
8 inch
Cake Box
254 x 254 x 127 mm

Cake Box With Carry Handle



QUR-FCCBCH-01
Slice
Cake Box
152 x 152 x 94 mm



QUR-FCCBCH-02
6 inch
Cake Box
203 x 203 x 127 mm



QUR-FCCBCH-03
8 inch
Cake Box
254 x 254 x 127 mm

Cake Box With Window



QUR-FCCBCH-05
Long Cake Box
with Window
275 x 98 x 110 mm



QUR-FCCBCH-06
Square Cake Box
with Window
155 x 98 x 110 mm



Paper Cup



Leak resistant



Hot & cold food



Recyclable



Food grade



Color printing available



Available on white paper



Available on kraft paper



The mark of responsible forestry

Single Wall Paper Cup

Code	Product Description	Size
QUR-PCSW-01	2.5oz Single wall paper cup	50 x 35 x 50 mm
QUR-PCSW-02	3oz Single wall paper cup	55 x 38 x 55 mm
QUR-PCSW-03	4oz Single wall paper cup	62 x 45 x 59 mm
QUR-PCSW-04	5oz Single wall paper cup	64 x 45 x 73 mm
QUR-PCSW-05	6oz Single wall paper cup	68 x 50 x 72 mm
QUR-PCSW-06	7oz Single wall paper cup	73 x 50 x 78 mm
QUR-PCSW-07	8boz Single wall paper cup	75 x 52 x 90 mm
QUR-PCSW-08	8oz Single wall paper cup	80 x 56 x 91 mm
QUR-PCSW-09	9oz Single wall paper cup	76 x 53 x 95 mm
QUR-PCSW-10	12oz Single wall paper cup	90 x 60 x 108 mm
QUR-PCSW-11	16oz Single wall paper cup	90 x 61 x 127 mm
QUR-PCSW-12	20oz Single wall paper cup	90 x 60 x 159 mm



Double Wall Paper Cup



The extra layer keeps the cup safe to touch with hot drinks and free of condensation with cold ones. And also keeps your drinks hot or cold for longer than one layer

Code	Product Description	Size
QUR-PCDW-01	4oz Single wall paper cup	50 x 35 x 50 mm
QUR-PCDW-02	8oz Single wall paper cup	55 x 38 x 55 mm
QUR-PCDW-03	10oz Single wall paper cup	62 x 45 x 59 mm
QUR-PCDW-04	12oz Single wall paper cup	64 x 45 x 73 mm
QUR-PCDW-05	16oz Single wall paper cup	68 x 50 x 72 mm

Ripple Wall Cup & lid



Leak resistant



Hot & cold food



Recyclable



Food grade



Ripple wall



The mark of responsible forestry

Product Variation



QR-PCRW-01
4oz
Ripple Wall Cup
62 x 45 x 59 mm



QR-PCRW-02
8oz
Ripple Wall Cup
80 x 56 x 91 mm



QR-PCRW-03
12oz
Ripple Wall Cup
90 x 60 x 108 mm



QR-PCRW-04
16oz
Ripple Wall Cup
90 x 60 x 136 mm



QR-PCLID-01
Flat Lid



QR-PCLID-02
Switch Lid
(able to insert straw)



QR-PCLID-03
90mm PET Lid
Crystal Clear





Sustainable Eco
food Packaging

Ice Cream Paper Cup



Freezer safe



Recyclable



Food grade



Color printing
available



The mark of
responsible forestry



Product Variation



QUR-ICCT-01
2oz
Ice Cream Cup
75 x 60 x 45 mm



QUR-ICCT-02
3oz
Ice Cream Cup
75 x 60 x 50 mm



QUR-ICCT-03
4oz
Ice Cream Cup
84 x 70 x 43 mm



QUR-ICCT-04
5oz
Ice Cream Cup
85 x 70 x 50 mm



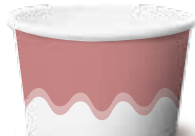
QUR-ICCT-05
6oz
Ice Cream Cup
85 x 70 x 55 mm



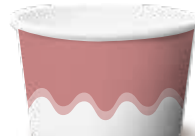
QUR-ICCT-06
7oz
Ice Cream Cup
90 x 74 x 58 mm



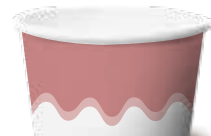
QUR-ICCT-07
8oz
Ice Cream Cup
95 x 80 x 55 mm



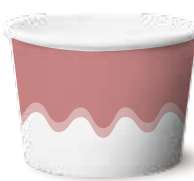
QUR-ICCT-08
9oz
Ice Cream Cup
95 x 80 x 60 mm



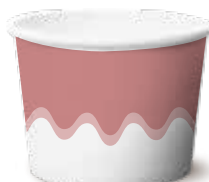
QUR-ICCT-09
10oz
Ice Cream Cup
103 x 85 x 60 mm



QUR-ICCT-10
12oz
Ice Cream Cup
105 x 86 x 66 mm



QUR-ICCT-11
16oz
Ice Cream Cup
105 x 86 x 75 mm



QUR-ICCT-12
18oz
Ice Cream Cup
108 x 86 x 85 mm



QUR-ICCT-13
20oz
Ice Cream Cup
122 x 95 x 80 mm



QUR-ICCT-14
32oz
Ice Cream Cup
122 x 95 x 110 mm



QUR-ICCT-LID
Ice Cream Cup Lid
varies size to fit
container

Paper Cutery



Microwave oven safe



HOME OK compost



waterproof
heatproof
oilproof



QUR-C-004
Dessert Spoon
158 x 35 x 5 mm

QUR-C-001
Knife
160 x 28 x 5 mm

QUR-C-002
Fork
157 x 32 x 5 mm

QUR-C-003
Spoon
158 x 35 x 5 mm






Individual Pack



Bulk Pack



Certification

eurolfins    Report No. : EFSN23060741-C-0101
Date : 21-Jun-2023
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TEST REPORT

APPLICANT : HET ECOPAC SDN BHD
ADDRESS : JALAN TEKNOLOGI 8, TAMAN TEKNOLOGI MALAYSIA, 57000, KUALA LUMPUR MALAYSIA
TESTED SAMPLE DESCRIPTION : QURTAS PAPER CUTLERIES
TESTED ITEM NO. : 187-2023-05000921
187-2023-05000922
AGE REQUESTED ON APPLICATION FORM : NOT PRESENT
SAMPLE RECEIVED DATE : 13-Jun-2023
TEST PERIOD : 15-Jun-2023 to 21-Jun-2023



The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	RESULT
Selected tests for the suitability for contact with foodstuffs compliant with the following regulations: - Regulation (EC) No 1831/2004. - Regulation (EU) No 10/2011 and its amendments(including(EU) No 2020/1245).	FAIL (Please refer to page 5.)

The above sample(s) and sample information was/were submitted and identified on behalf of the applicant. Eurofins will not be liable for the authenticity of the information. This test report is valid for the tested sample only. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products. Unless otherwise required by the applicant or method/regulation, decision rule in this report did not consider the measurement uncertainty.

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****


SIGNED FOR AND ON BEHALF OF
EUROFINS TESTING TECHNOLOGY (SHENZHEN) CO., LTD.

Harry Chen  *Coco Luo*
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TESTED SAMPLE PHOTO(S)



EFSN23060741-C-0101

COMPONENT LIST

Component No.	Component	Material	Color	Sample No.
1	Cutlery	Paperboard	White	A

Eurofins Testing Technology (Shenzhen) Co., Ltd.
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TEST RESULT

Overall Migration

The migratory behaviour is examined in accordance with the Regulation (EU) No 10/2011 and its amendments.

Test method : With reference to:
Commission Regulation (EU) No 10/2011 and its amendments and JRC publications for selection of conditions and EN 1186-1: 2002 for selection of test methods
EN 1186-2: 2002 for overall migration in vegetable oils*

Test condition :
Food simulant : Rectified olive oil
Test duration/temperature : 2 hours / 70°C

Testing Material No.	Unit	Test result	Detection limit	Limit
Rectified olive oil	mg/dm ²	N.D.	3	10

Note: - mg/dm² = milligram per square decimetre
- °C = degree Celsius
- N.D. = Not Detected
- *. Test method was not in the scope of CNAS accreditation.
- Refer to the Regulation (EU) No 10/2011 and its amendments, synthetic material with contact to food may not transfer more than 10 mg/dm² of substance (overall migration).

*****TO BE CONTINUED*****

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TEST RESULT

Specific Migration of Heavy Metals

Test method : EN13130-1:2004, ISO 17294-2: 2016.
Limit refer to Regulation (EU) No 10/2011 and its amendments.
Test condition :
Food simulant : 3% Acetic acid
Test duration/temperature : 2 hours / 70°C

Testing Material No.	Unit	Test result	Detection limit	Limit
Barium (Ba)	mg/kg	N.D.	0.1	1
Cobalt (Co)	mg/kg	N.D.	0.01	0.05
Copper (Cu)	mg/kg	N.D.	0.1	5
Iron (Fe)	mg/kg	N.D.	1	45
Lithium (Li)	mg/kg	N.D.	0.1	0.5
Manganese (Mn)	mg/kg	0.1	0.1	0.6
Zinc (Zn)	mg/kg	N.D.	1	5
Aluminum (Al)	mg/kg	0.2	0.1	1
Nickel (Ni)	mg/kg	0.05(*)	0.01	0.02
Arsenic (As)	mg/kg	N.D.	0.01	N.D.
Antimony (Sb)	mg/kg	N.D.	0.01	0.04
Cadmium (Cd)	mg/kg	N.D.	0.002	N.D.
Chromium (Cr)	mg/kg	N.D.	0.01	N.D.
Europium (Eu)	mg/kg	N.D.	0.01	
Gadolinium (Gd)	mg/kg	N.D.	0.01	
Lanthanum (La)	mg/kg	N.D.	0.01	0.05
Tellurium (Te)	mg/kg	N.D.	0.01	
Lead (Pb)	mg/kg	N.D.	0.01	N.D.
Mercury (Hg)	mg/kg	N.D.	0.01	N.D.

Note: - 1 mg/kg = 1 ppm = 0.0001%
- °C = degree Celsius
- N.D. = Not Detected
- *. The result was found to be more than the permissible limit.

Other Information / Remark:
(1) The test condition and item were specified by applicant.
(2) Food contact area to food simulant (S/V in dm²/L): Material No.1 (5.0:1).

*****END OF THE REPORT*****

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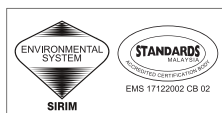
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