



Hwajin moltech Inc.
Made in KOREA

CONTENTS



nestique

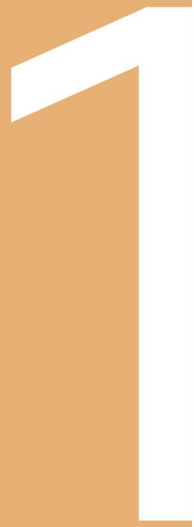
01

Brand Introduction
Product Material
Environmental Protection

Product

02

One Bowl
One Plate
One Plate mini
n Cup
Yugi Leaf
Yugi Spoon & Fork



nestique

Brand Introduction

Product Material

Environmental Protection



nestique
II
NEST + UNIQUE

- A special nest for my family
- Beautiful products not only outside but also inside
- We make products with the feeling that the family uses

SGS

Test Report No. F690101/LF-CTSAHYA13-08741 Issued Date : December 02, 2013 Page 2 of 3

Test Results :

EN71-3: 2013 - Migration of certain elements and German national provision for safety of toys

Category III: Scrapped-off toy material

Method : With reference to EN71-3:2013, Analysis of general elements was performed by ICP-MS, Chromium (III) was obtained by calculation, Chromium (VI) was analyzed by IC-UV/VIS, Organic Tin was analyzed by GC-MS.

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)	Permissible Limit (German national provision) ¹⁾ (mg/kg)
Mass of trace amount (mg)	ND	ND	ND	ND
Soluble Aluminium (Al)	ND	50	70,000	70,000
Soluble Antimony (Sb)	ND	10	560	60
Soluble Arsenic (As)	ND	10	47	25
Soluble Barium (Ba)	ND	50	18,750	1000
Soluble Boron (B)	ND	50	15,000	15,000
Soluble Cadmium (Cd)	ND	5	17	17
Soluble Chromium (Cr)	ND	0.15	ND	ND
Soluble Chromium (III) (Cr (III))	ND	1	460	460
Soluble Chromium (VI) (Cr (VI))	ND	0.18	0.2	0.2
Soluble Cobalt (Co)	ND	10	130	130
Soluble Copper (Cu)	ND	50	7,700	7,700
Soluble Lead (Pb)	ND	10	160	90
Soluble Manganese (Mn)	ND	50	15,000	15,000
Soluble Mercury (Hg)	ND	10	94	60
Soluble Nickel (Ni)	ND	10	930	930
Soluble Selenium (Se)	ND	10	460	460
Soluble Strontium (Sr)	ND	50	56,000	56,000
Soluble Tin (Sn)	ND	4.9	180,000	180,000
Soluble Organic Tin	ND	ND	12	12
Soluble Zinc (Zn)	ND	50	46,000	46,000
Comment for EN71-3:2013	PASS	ND	ND	ND
Comment for German national provision for safety of toys	PASS	ND	ND	ND

Sample Description :
1. Transparency pellets

F052 Version 5

SGS Korea Co., Ltd.

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SGS

Test Report No. F690101/LF-CTSAHYA13-08741 Issued Date : December 02, 2013 Page 3 of 3

Test Results :

Test Item(s)	Soluble Organic Tin Result(s) (mg/kg)	MDL (mg/kg)
Methyl tin (MeT)	ND	0.5
Di-n-propyl tin (DPrnT)	ND	0.5
Butyl tin (BuT)	ND	0.5
Dibutyl tin (DBT)	ND	0.5
Tributyl tin (TBT)	ND	0.5
n-Octyl tin (NOT)	ND	0.5
Tetrabutyl tin (TeBT)	ND	0.5
Diphenyl tin (DPhT)	ND	0.5
Di-n-octyl tin (DOT)	ND	0.5
Triphenyl tin (TPnT)	ND	0.5

Sample Description :

1. Transparency pellets

Note : 1. mg/kg = milligram per kilogram

2. ND = Not Detected

3. 1% = 10000 mg/kg = 10000 ppm

4. * German national provision adopts the more stringent limits between 2013/492/EU and EN71-3:2013.

The soluble Barium limit from 2013/492/EU is adopted as it is the most stringent one.



*** End of Report ***

F052 Version 5

SGS Korea Co., Ltd.

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Certificate

Certificate No. : BBP-0001 : 2016

License : SK Chemical Co., Ltd.

Address : 310, Pangyo-ro, Bundang-gu, Seongnam-si,

Gyeonggi-do, Korea

Product Category : Bio-based resin and products

Name of Brand : ECOZEN

Reason for Certification : "Carbon reduction contg. Biomass, less ecological toxicity"

We hereby certify that the resin and products comply with the criteria of KBMP and are granted to use the Bio-based Eco Label

Valid Until September 08, 2018

Issued September 09, 2016

President of Korea Bio Material Packaging Association

You, young-Sun

ECOZEN® YF400

共聚多脂 SK Chemicals

Technical Data

品名	材料状态	已商用 : 当前有效
资料 1	Technical Datasheet (English)	
搜索 UL 黄卡	SK Chemicals	
供应地区	北美洲	欧洲
性能特点	可更新资源	亚太地区
加工方法	注射成型	
物理性能	额定值 单位制	测试方法
比重	1.27 g/cm ³	ASTM D792
吸水率 (平衡)	0.20 到 0.50 %	ASTM D570
机械性能	额定值 单位制	测试方法
抗张强度 ²	53.9 MPa	ASTM D638
屈服	49.1 MPa	
伸长率 ³	6.8 %	ASTM D638
屈服	110 %	
冲击强度 ⁴	2130 MPa	ASTM D790
冲击强度 ⁴	98.1 MPa	ASTM D790
冲击性能	额定值 单位制	测试方法
悬臂梁缺口冲击强度 (23°C)	无断裂	ASTM D256
硬度	121	ASTM D785
热性能	额定值 单位制	测试方法
热变形温度 (0.45 MPa, 未退火)	109 °C	ASTM D648
玻璃化温度	120 °C	ASTM E1356
备注	¹ 通过该性能数据能够访问供应商资料。我们尽量保证及时更新资料 ; 不过您可从供应商处了解最新资料。 ² - 屈服性 : 该值不能视为合格。 ³ 50 mm/min ⁴ 1.3 mm/min	

1/2

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ポリオレフィン等合成樹脂製食品容器包装等に関する自主基準

A 確認証明書

住所 686 Saemyeong-dong, Bundang-bu, Seongnam-si, Gyeonggi-do 463-400 Korea
会社名 SK Chemicals Co., Ltd.
申請者 Vice Chairman Chang Gun Kim 殿
会員番号 E082



上記の申請者に係る下記の登録番号製品について、ポリオレフィン等合成樹脂製食品容器包装等に関する自主基準に基づく確認証明書の交付規程第6条の規定に基づき、当協議会の自主基準に適合していることを確認したので証明する。

この証明書は、平成34年 3月31日 まで有効とする。

登録番号	[A]Q2a-14199	分類記号	I c-1-Q-2a
品名	ポリエチレンテレフタレート樹脂 (自然色)		
銘柄名	ECOZEN YF-400		
	ECOZEN YF-300		
	ECOZEN YF-100		
	ECOZEN YF-401		
	ECOZEN YF-301		
制限内容	2 毒性・水性 (PH 5 超) ・酸性 (PH 5 以下) 食品、包装用の全てに適合 a 100°C以下に適合の場合		
摘要	平成34年 4月 6日 付既出登録 (新規)		

Material Ecozen

- Eco-friendly material made from vegetable materials of SK Chemicals
- Heavy metal not included (BPA Free)
- Internationally proven safe material such as SGS, FDA



Earth-loving packaging

- Packed in kraft paper box made from recycled paper
- To reduce waste, plastic and vinyl are not used in packaging
- Protecting the planet, from eco-friendly materials to eco-friendly packaging, is our little practice.

2

Product

One Bowl

One Plate

One Plate mini

 Cup

Yugi Leaf

Yugi Spoon & Fork



One Bowl

'One Bowl' is designed to be combined with two plates, 'One Plate' and 'One Plate mini', to freely change the number of compartments. The bowls can be used individually and can be filled by lifting out of food from the plate. You can also heat the food in a bowl by turning it in the microwave. It is made of eco-friendly materials using grains such as corn and wheat. We made it safe for children to use.



- Product Image



- Product Color



Pink



Mint

- Product Characteristic



Microwave available



Dishwasher safe



Heat sterilization

- Product detail image

Bowl Small Size



Pink



Mint

Bowl Medium Size



Pink



Mint

Bowl Large Size



Pink



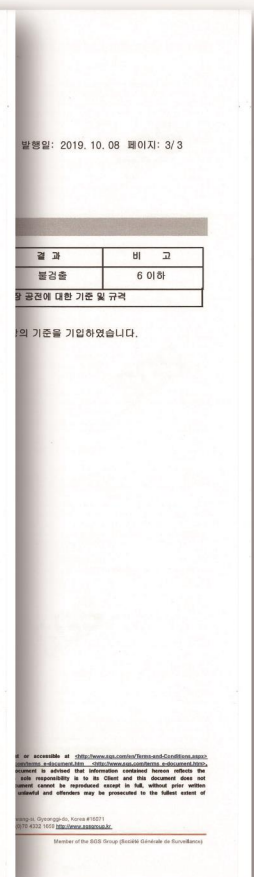
Mint

● How to Use

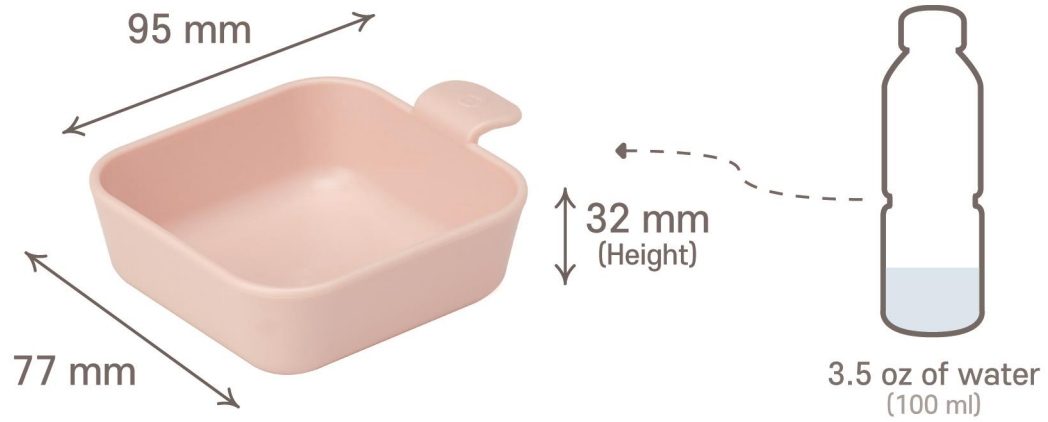


It can be used in combination with One Plate & One Plate Mini or individually.

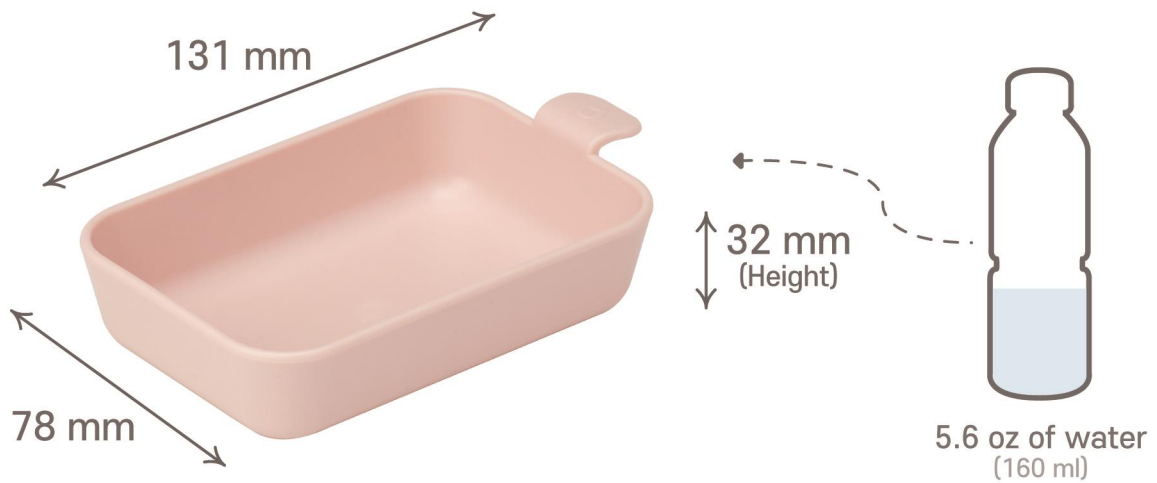
● Design patent & Safety certification(SGS)



- Size & Capacity



Bowl Small Size



Bowl Medium Size



Bowl Large Size



One Plate

nestique is produced from the point of view of the person who prepares the meal. The composition of the tray can be changed according to the menu. And It is Tray is more suitable for everyone because it tis made of eco-friendly materials.



● Product Image



● Product Color



Pink



Vanilla & Pink



Vanilla & Mint



Mint

● Product Configuration

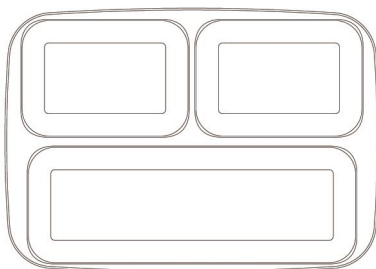
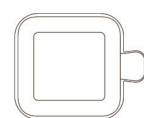


Plate x 1



Bowl(M) x 2



Bowl(S) x 3

1 Plate, 2 Bowl(M), 3 Bowl(S). It consists of a total of six.

- Product detail image

Vanilla Pink



Vanilla Mint



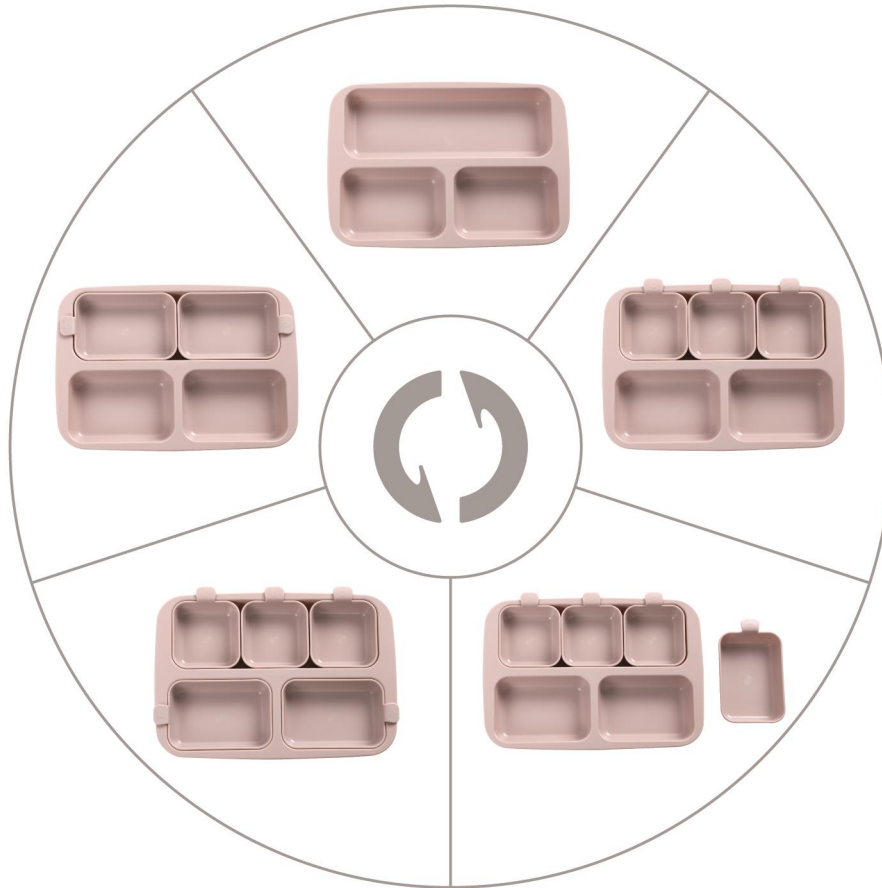
Pink



Mint



- How to Use



It can be used by combining a plate and a bowl or individually.

- Product Characteristic



Microwave available



Dishwasher safe



Heat sterilization

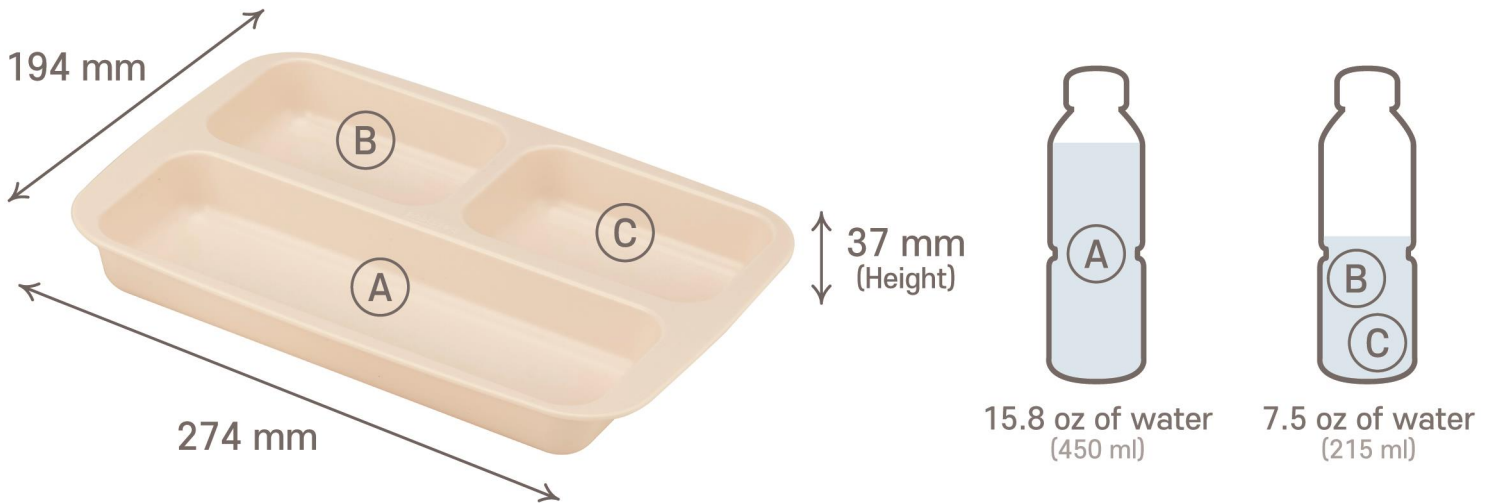


Stackable



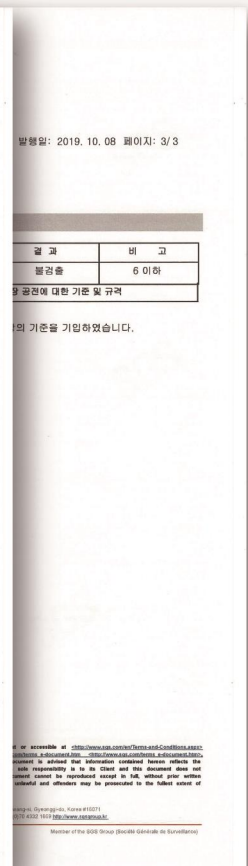
Non-slip rubber

● Size & Capacity



Please refer to 'One Bowl' for the size of the bowl included in the 'One Plate'.

● Design patent & Safety certification(SGS)





One Plate mini

nestique is produced from the point of view of the person who prepares the meal. The composition of the tray can be changed according to the menu. And It is Tray is more suitable for everyone because it is made of eco-friendly materials.

- Product detail image

Vanilla Pink



Vanilla Mint



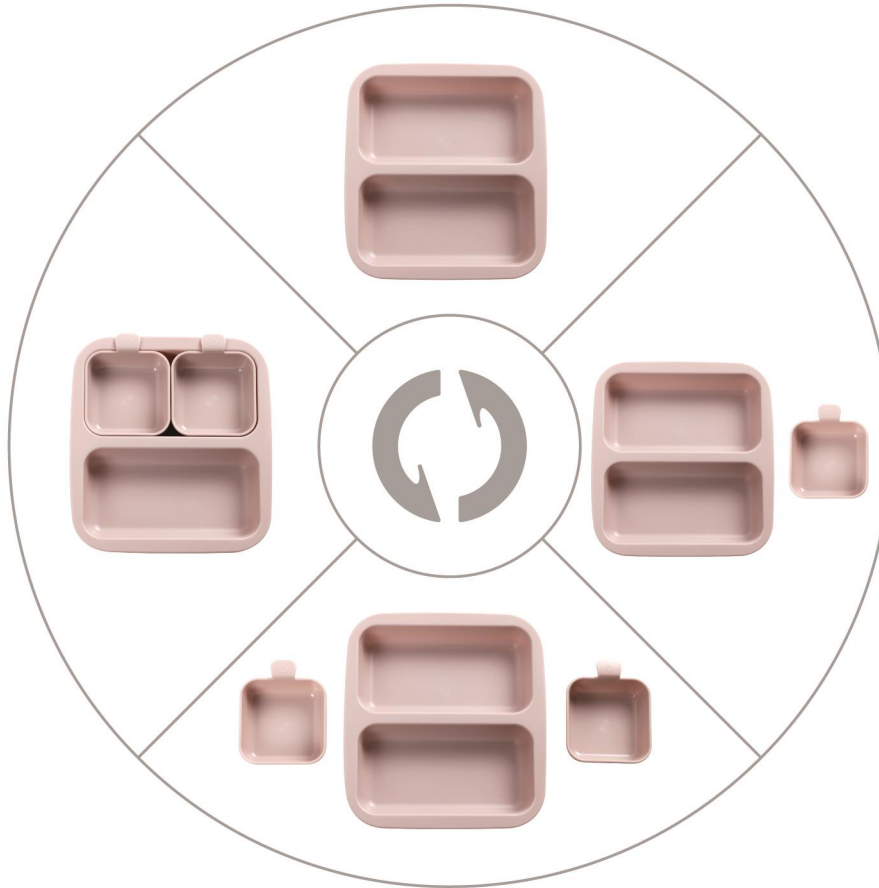
Pink



Mint



- How to Use



It can be used by combining a plate and a bowl or individually.

- Product Characteristic



Microwave available



Dishwasher safe



Heat sterilization

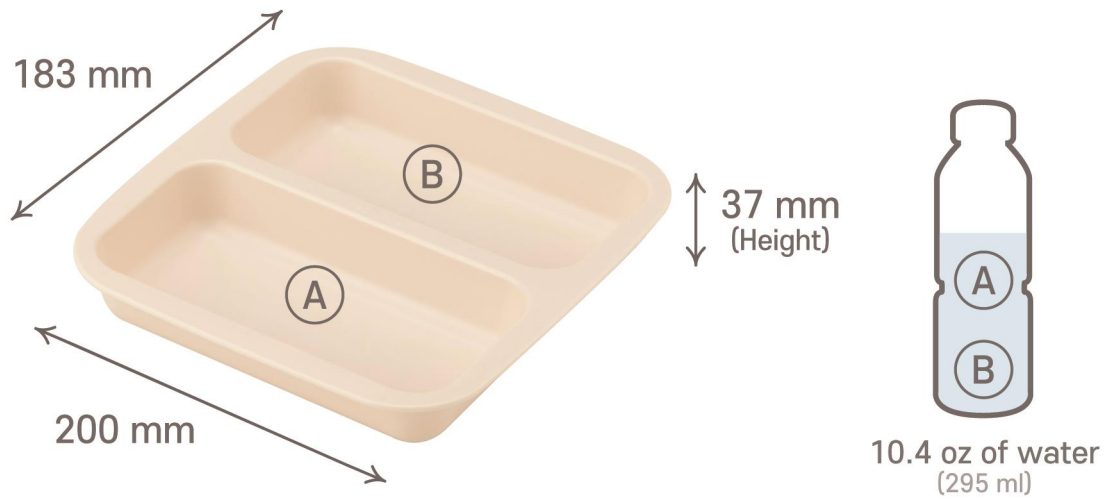


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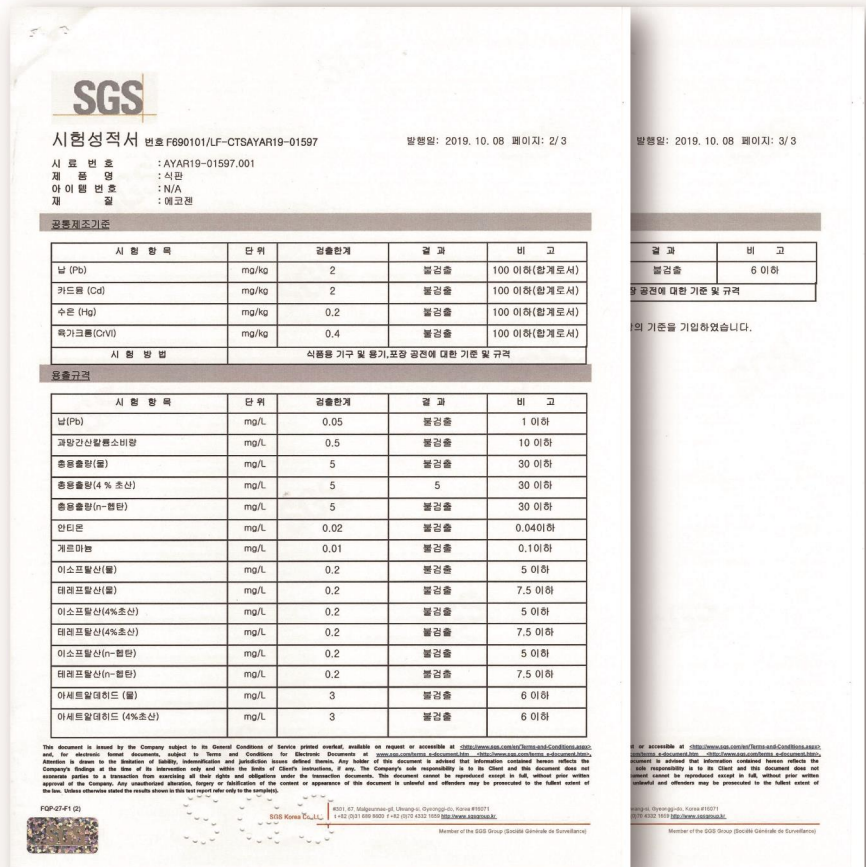
Non-slip rubber

● Size & Capacity



Please refer to 'One Bowl' for the size of the bowl included in the 'One Plate mini'.

● Design patent & Safety certification(SGS)





 N Cup

The N Cup is designed to solve problems that occur when children use them. There was a problem in that the water flowed when drinking and the cup fell over because the bottom was small. To solve this problem, the entrance of the cup was made small, and the center of gravity was lowered to prevent it from tipping over. It can be used in combination with 'One Plate' and 'One Plate mini', and can be used individually.



● Product Image



● Product Color



Pink



Vanilla



Mint

- Product detail image

Vanilla



Pink



Mint



- Product characteristic



Microwave available



Dishwasher safe



Heat sterilization

- How to Use



원플레이트&원플레이트미니와 결합하거나 개별로도 사용 할 수 있습니다.
It can be used in combination with One Plate & One Plate Mini or individually.

● Size & Capacity



● Safety certification(SGS)

Document identification number : XCZC-YCXE-34BG-VDIL

Certificate of Laboratory Testing

Issue No.	R20200416-0087	Receipt No.	200102072-001
Test Completion Date	2020-04-16	Date of Receipt	2020-04-06
Product Name	CUP		
Manufacturing report number	Batch Number		
Product Type, Material, Classification	Polyethyleneterephthalate,poly(ethyleneterephthalate)		
Date of Manufacturing	2020-04-02		
Expiration Date			
Client	Company Name	HWAJIN MOLTECH CO., LTD.	
	Name	YOONSIK JIN	
	Address	(21110) 1F, 87, 16beong-gil, Gyeongsang-daem, Gyeongsang-gu, Incheon, Korea (Tel. No.:032-547-8990 Fax No.:032-547-8991 E-mail:jinyunsi87@naver.com)	
Manufacturer	Name		
	Country		
	Address		
Test Purpose	Etc(For reference)		
Remarks			

Test Items	Specifications	Test Results	Judgement	Remarks
Lead (mg/L)	Not more than 1	0	Suitability	
Consumption of potassium permanganate (mg/L)	Not more than 10	0	Suitability	
Overall migration (mg/L)	Not more than 30	1(water),1(4% acetic acid),0(n-heptane)	Suitability	
Antimony (mg/L)	Not more than 0.04	0.00	Suitability	
Germanium (mg/L)	Not more than 0.1	0.0	Suitability	
Terephthalic acid (mg/L)	Not more than 7.5	Not detected(water),(4% acetic acid),(n-heptane)	Suitability	

16071 #301, 67, Maeguunae-gil, Uwang-si, Gyeonggi-do, Korea

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Document identification number : XCZC-YCXE-34BG-VDIL

Test Items	Specifications	Test Results	Judgement	Remarks
Isophthalic acid (mg/L)	Not more than 5	Not detected(water),(4% acetic acid),(n-heptane)	Suitability	
Acetaldehyde (mg/L)	Not more than 6	Not detected(water),(4% acetic acid),(n-heptane)	Suitability	
Lead, Cadmium, Mercury and Hexavalent chrome (mg/kg)	Not more than 100 (as sum)	0	Suitability	

Final Judgment : Suitability
Testing Personnel: Hyun Lee, Taehoon Jang, Seon
Testing manager : Jerry Jung

※ The judgment above shall be only subject to the requested test items.
※ In the case of insufficient space on the page, test items and test results may be written in the appendix.
※ When advertising test results or indicating test results on containers or packages, the entire content of the test report shall be indicated

16 / 04 / 2020

SGS Korea Co.,Ltd.

16071 #301, 67, Maeguunae-gil, Uwang-si, Gyeonggi-do, Korea

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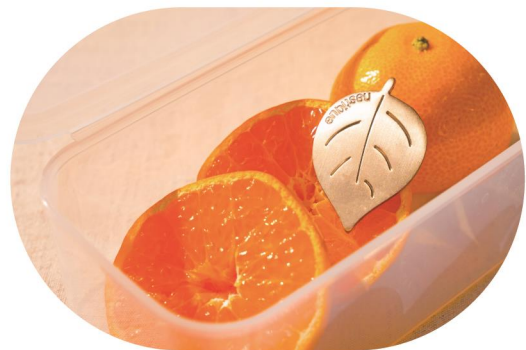


Yugi Leaf

Yugi is a Korean traditional metal product. It has the effect of sterilizing various bacteria. Keep the freshness of vegetables and fruits for a long time. It is a product that helps us live a healthy life. Anyone from children to adults can use it easily. It was born by designing it to go well with decorating food.



- Product Image



- Product characteristic



Microwave available



Heat sterilization

- Product detail image



- Product usage image



- Product efficacy

**Freshness retention function**

Lasts longer than porcelain, stainless steel, glass and storage containers.

**Keep warm & keep cool**

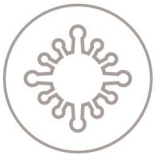
Keeps food cool & Keeps food warm.

**Mineral ingredients**

Minerals containing calcium, potassium, and magnesium are self-generated.

**Chemical reaction**

It reacts in black when salt, pesticides and poisons come into contact.

**Sterilization effect**

It sterilizes harmful bacteria such as food poisoning and vibrio.

**Korean old king food table**

The only metal product on the table of the Joseon Dynasty.

- Product efficacy experiment



After putting the product in a vase and experimenting, the result is that the flower containing the product is fresher.

- How to Use



Put it in baby food



Put it when packing
in a lunch box



Storage with
vegetables & fruits

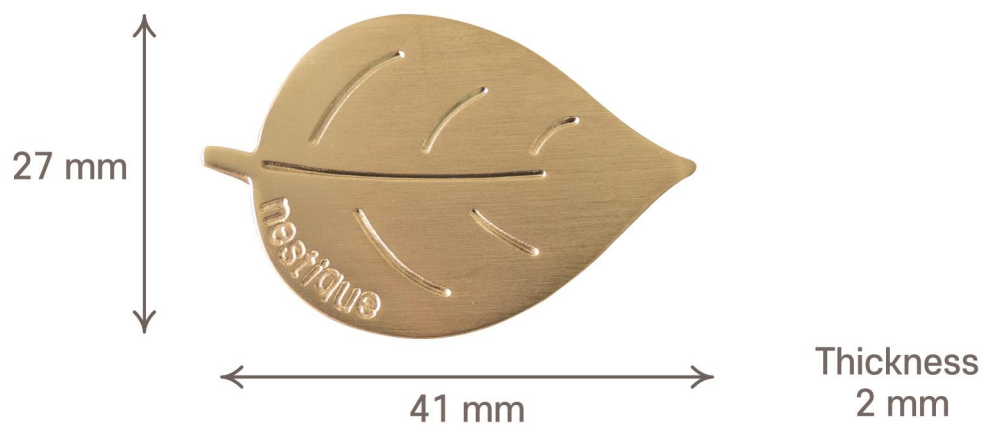


Put in hot food
and drinks



Put it in cold food
and drinks

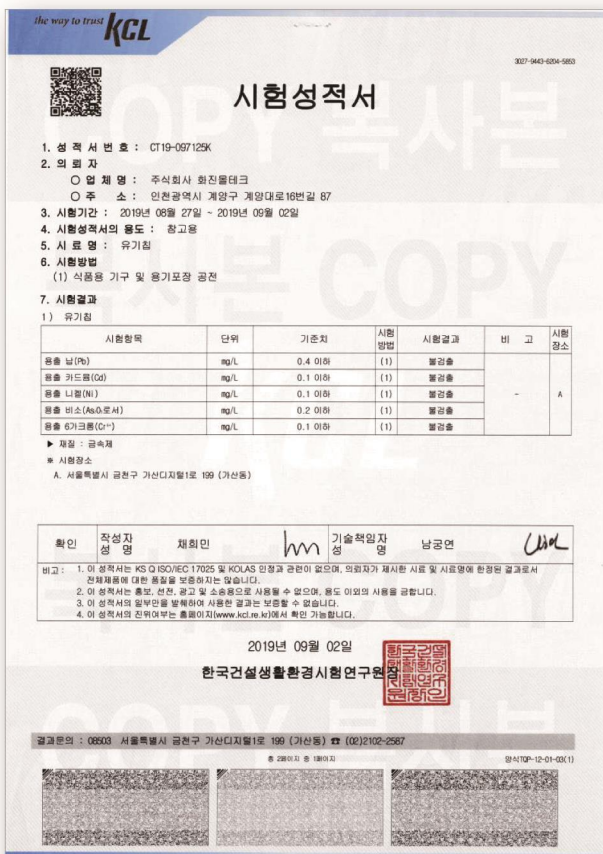
- Product Size



- Design patent



- Safety certification(KCL)





Yugi Spoon & Fork

Yugi is a Korean traditional metal product. It has the effect of sterilizing various bacteria. Keep the freshness of vegetables and fruits for a long time. It is a product that helps us live a healthy life. It was created with the intention of providing more healthy meals to young children.



- Product Image



- Product characteristic



Microwave available



Heat sterilization

- Product detail image



Yugi Spoon



Yugi Fork

● Product efficacy



Freshness retention function

Lasts longer than porcelain, stainless steel, glass and storage containers.



Keep warm & keep cool

Keeps food cool & Keeps food warm.



Mineral ingredients

Minerals containing calcium, potassium, and magnesium are self-generated.



Chemical reaction

It reacts in black when salt, pesticides and poisons come into contact.



Sterilization effect

It sterilizes harmful bacteria such as food poisoning and vibrio.



Korean old king food table

The only metal product on the table of the Joseon Dynasty.

● Product efficacy experiment

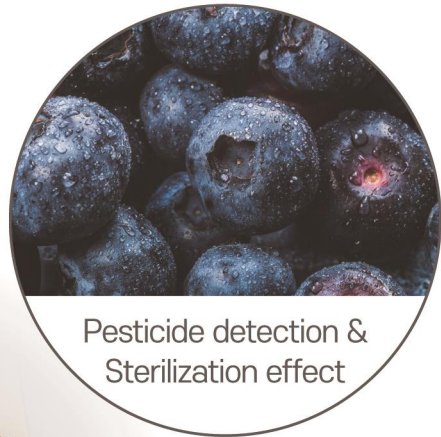


After putting the product in a vase and experimenting, the result is that the flower containing the product is fresher.

● Reason for use



Treatment and prevention
of gum disease



Pesticide detection &
Sterilization effect



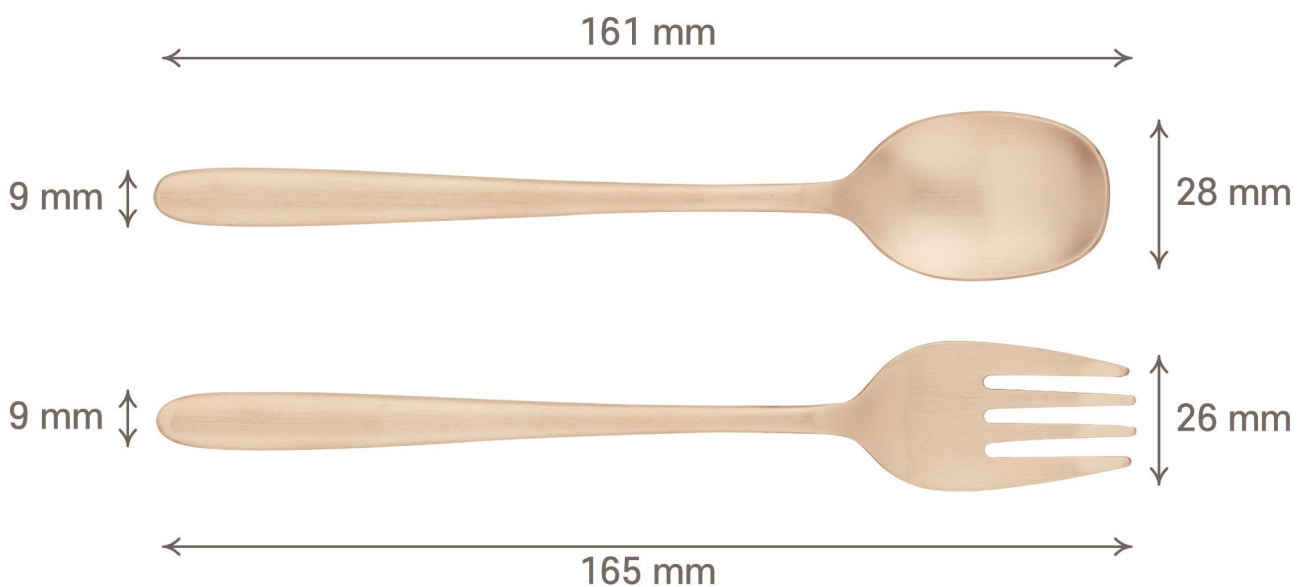
Mineral component
production effect



Strengthening
immunity



● Product Size



● Safety certification(KCL)

the way to trust **KCL**

5941-9511-9017-0308

시험성적서

1. 성적서번호 : CT20-012621K
 2. 의뢰자
 ○ 업체명 : 주식회사 화진물테크
 ○ 주소 : 인천광역시 계양구 계양대로16번길 87 (작전동) 1층
 3. 시험기간 : 2020년 01월 23일 ~ 2020년 02월 05일
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비고 : 1. 이 성적서는 의뢰자가 제시한 시료 및 시험법에 준한 결과로서 현재제품에 대한 품질을 보증하지는 않습니다.
 2. 이 성적서는 총포, 선전, 광고 및 소송용으로 사용될 수 있으며, 용도 이외의 사용을 금합니다.
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 4. 이 성적서의 진위여부는 홈페이지(www.kcl.co.kr)에서 확인 가능합니다.

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7. 시험결과

1) 유기스폰

시험항목	단위	기준치	시험방법	시험결과	비고
용출 납(Pb)	mg/L	0.4 이하	(1)	불검출	-
용출 카드뮴(Cd)	mg/L	0.1 이하	(1)	불검출	-
용출 니켈(Ni)	mg/L	0.1 이하	(1)	불검출	-
용출 비소(AsO.로서)	mg/L	0.2 이하	(1)	불검출	-
용출 6가크롬(Cr ⁶⁺)	mg/L	0.1 이하	(1)	불검출	-

2) 유기포크

시험항목	단위	기준치	시험방법	시험결과	비고
용출 납(Pb)	mg/L	0.4 이하	(1)	불검출	-
용출 카드뮴(Cd)	mg/L	0.1 이하	(1)	불검출	-
용출 니켈(Ni)	mg/L	0.1 이하	(1)	불검출	-
용출 비소(AsO.로서)	mg/L	0.2 이하	(1)	불검출	-
용출 6가크롬(Cr ⁶⁺)	mg/L	0.1 이하	(1)	불검출	-

▶ 재검 : 없음

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