

Applicant EFAY LTD.
NO.6, ZHONG ROAD BAN FU TOWN,
ZHONGSHAN CITY, GUANGDONG
PROVINCE, CHINA

Issue Date: Oct 21, 2023

Attn Ni Wang

SAMPLE DESCRIPTION AS DECLARED

Item Name	MELAMINE WARE
Item No./SKU No.	407412ER5
Quantity	--
Applicant's Ref	<p>REFERENCE ITEM</p> <p>NO.:407811ER5、100114IV、100118IV、100120IV、100122IV、100312IV、100316IV、100324BK、100817IV、100912IV、107016IV、107020IV、111713IV、111717IV、113312IV、113320BK、113320IV、117514BK、117510IV、117514BK、117514IV、117518IV、118520IV、127906IV、127906IVBK、127906IVBL、127908IVBL、128008IVBK、128010IVBL、128307IVBL、201912IV、205605BK、205707BK、205708BK、206503BK、206503IV、206504IV、206505IV、206507BK、206507IV、206510BK、206510IV、206908IV、207204IV、207304IV、207305IV、219708IV、224207IV、224208IV、224208IVBK、224209IVBL、224606IV、402916BK、402916IV、406224ER5、412006IV、412008IVBK、412308IV、412308IVBL、412310IV、412310IVBK、412310IVBL、412312IVBK、412412IVBL、412414IV、412414IVBK、412508IV、412508IVBK、412508IVBL、412510IVBL、500704BK、500704IV、503015FIV、504003BK、504003IV、504004BK、504107IV、505303IV、505304BK、515104BK、515704BK、515704IV、515804BK、515804IV、515904BK、516205IV、516404BK、516404IV、516504BK、516504IV、516603BK、516603IV、517703BK、517703IV、517904BK、517904IV、520204BK、520404BK、520685BK、520704BK、530904BK、530904IV、532403IV、532405BK、1410WER5、407212ER5、407412ER5、407512ER5、1210WER5</p>
Applicant Specified Age Grade	3+
Vendor	--
Buyer	EFAY LTD

For and on behalf of

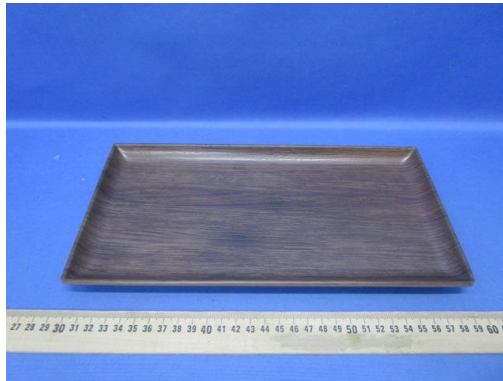
Intertek Testing Services Shenzhen Ltd.



Rachel L. Guo
General Manager



Country/Region of Origin	CHINA
Country/Region of Destination	EUROPE
Date Sample Received	OCT 18, 2023
Testing Period	OCT 18, 2023~OCT 21, 2023



For and on behalf of

Intertek Testing Services Shenzhen Ltd.

Rachel L. Guo

General Manager



CONCLUSION

Tested Sample	Standard/Testing Item	Result
Tested component(s) of submitted samples	European Commission Regulation No. 10/2011 and Amendment No. 2016/1416 and No 2017/752 and No. 2020/1245 and Regulation 1935/2004 on overall migration	Pass
	European Commission Regulation No. 10/2011 Annex II and Amendment No. 2016/1416 and No. 2017/752 and No. 2020/1245 and Regulation 1935/2004 on specific migration of heavy metal content	Pass
	European Commission Regulation No. 10/2011 Annex I and II and Amendments No. 2020/1245 and Regulation 1935/2004 on specific migration of Primary Aromatic Amines	Pass
	European Commission Regulation No. 10/2011 Annex I and Amendment No. 2017/752 and No.2020/1245 and Regulation 1935/2004 on specific migration of Formaldehyde	Pass
	European Commission Regulation No. 284/2011 on specific migration of Formaldehyde	Pass
	European Commission Regulation No. 10/2011 Annex I and Amendment No. 1282/2011 and No. 2017/752 and No. 2020/1245 and Regulation No. 1935/2004 on specific migration of 2,4,6-Triamino-1,3,5-Triazine (Melamine)	Pass



Overall Migration Test

With reference to Commission Regulation (EU) No. 10/2011 and its amendments.

Test condition:

Tested component	Food simulant	Time(hour)	Temperature(°C)
(1)	10% (v/v) Ethanol	2	70
	3% (w/v) Acetic acid	2	70
	95%(v/v) Ethanol	2	60
	Iso –octane	0.5	40

Test Results:

(1) Brown melamine with inaccessible coatings (brown style).

Food Simulant	Result				
	1 st migration mg/dm ²	2 nd migration mg/dm ²	3 rd migration mg/dm ²	Reporting Limit mg/dm ²	Limit mg/dm ²
10% (v/v) Ethanol	ND	ND	ND	3	10
3% (w/v) Acetic acid	ND	ND	ND	3	10
95% (v/v) Ethanol	ND	ND	ND	3	10
Iso–octane	ND	ND	ND	3	10

Remarks:

ND = Not detected

Ratio of food contact surface area to volume used to establish the compliance of material or article:

Component (1) = 1 dm² : 48 mL

Specific Migration of Heavy Metals Content

With reference to Commission Regulation (EU) No. 10/2011 and its amendments

Test condition:

Food simulant : 3% (w/v) Acetic acid

Temperature : 70 °C

Time : 2 hours

(1) Brown melamine with inaccessible coatings (brown style).

Element	Result				
	1 st migration mg/kg	2 nd migration mg/kg	3 rd migration mg/kg	Reporting Limit mg/kg	Limit mg/kg
Aluminium (Al)	ND	ND	ND	0.1	1
Antimony (Sb)	ND	ND	ND	0.01	0.04
Arsenic (As)	ND	ND	ND	0.01	ND
Barium (Ba)	ND	ND	ND	0.1	1
Cadmium (Cd)	ND	ND	ND	0.002	ND



Element	Result				
	1 st migration mg/kg	2 nd migration mg/kg	3 rd migration mg/kg	Reporting Limit mg/kg	Limit mg/kg
Chromium (Cr)	ND	ND	ND	0.01	ND
Cobalt (Co)	ND	ND	ND	0.03	0.05
Copper (Cu)	ND	ND	ND	1	5
Iron (Fe)	ND	ND	ND	5	48
Lead (Pb)	ND	ND	ND	0.01	ND
Lithium (Li)	ND	ND	ND	0.1	0.6
Manganese (Mn)	ND	ND	ND	0.1	0.6
Mercury (Hg)	ND	ND	ND	0.01	ND
Nickel (Ni)	ND	ND	ND	0.01	0.02
Zinc (Zn)	ND	ND	ND	1	5
Europium (Eu)	ND	ND	ND	0.01	0.05
Gadolinium (Gd)	ND	ND	ND	0.01	0.05
Lanthanum (La)	ND	ND	ND	0.01	0.05
Terbium (Tb)	ND	ND	ND	0.01	0.05
Sum of (Eu, Gd, La, Tb)	ND	ND	ND	0.04	0.05

Remarks:

ND = Not Detected

Specific Migration of Primary Aromatic Amines

With reference to Commission Regulation (EU) No. 10/2011 and its amendments and JRC Technical Guidelines EUR 24815 EN 2011.

Test condition:

Tested component	Food simulant	Time(hour)	Temperature(°C)
(1)	3% (w/v) Acetic acid	2	70

Test Result:

(1) Brown melamine with inaccessible coatings (brown style).

Test Item	Result				
	1 st migration mg/kg	2 nd migration mg/kg	3 rd migration mg/kg	Reporting Limit mg/kg	Limit mg/kg
4-Aminodiphenyl	ND	ND	ND	0.002	ND
Benzidine	ND	ND	ND	0.002	ND
4-Chloro-o-toluidine	ND	ND	ND	0.002	ND



Test Item	Result				
	1 st migration mg/kg	2 nd migration mg/kg	3 rd migration mg/kg	Reporting Limit mg/kg	Limit mg/kg
2-Naphthylamine	ND	ND	ND	0.002	ND
o-Aminoazotoluene	ND	ND	ND	0.002	ND
2-Amino-4-Nitrotoluene	ND	ND	ND	0.002	ND
p-Chloroaniline	ND	ND	ND	0.002	ND
2,4-Diaminoanisole	ND	ND	ND	0.002	ND
4,4'-Diaminodiphenylmethane	ND	ND	ND	0.002	ND
3,3'-Dichlorobenzidine	ND	ND	ND	0.002	ND
3,3'-Dimethoxybenzidine	ND	ND	ND	0.002	ND
3,3'-Dimethylbenzidine	ND	ND	ND	0.002	ND
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	ND	ND	ND	0.002	ND
p-Cresidine	ND	ND	ND	0.002	ND
4,4'-Methylene-bis-(2-chloroaniline)	ND	ND	ND	0.002	ND
4,4'-Oxydianiline	ND	ND	ND	0.002	ND
4,4'-Thiodianiline	ND	ND	ND	0.002	ND
o-Toluidine	ND	ND	ND	0.002	ND
2,4-Toluylenediamine	ND	ND	ND	0.002	ND
2,4,5-Trimethylaniline	ND	ND	ND	0.002	ND
o-Anisidine	ND	ND	ND	0.002	ND
4-Aminoazobenzene	ND	ND	ND	0.002	ND
m-Phenylenediamine	ND	ND	ND	0.002	ND
Benzoguanamin	ND	ND	ND	0.05	5
4,4-Methylene-bis-3(chloro-2,6-diethylaniline)	ND	ND	ND	0.01	0.05
Total of other primary aromatic amine	ND	ND	ND	0.01	0.01



Remarks:

ND = Not detected

Other primary aromatic amines are p-Phenyldiamine, Aniline, 2,4-Xylidine, 2,6-Xylidine, 3-Methoxyaniline, 2,6-Toluene-diamine, 1,5-Diaminonaphthalene, 4-Ethoxyaniline, 3-Amino-4-methoxybenzanilide, 3-Amino-4-methylbenzamide, 2-Amino-5-methylbenzoic acid

Specific Migration of Formaldehyde

With reference to Commission Regulation (EU) No. 10/2011 and its amendments, JRC Technical Guidelines EUR 24815 EN 2011 and DD CEN/TS 13130-23:2005.

Test condition :

Tested component	Food simulant	Time (hour)	Temperature(°C)
(1)	3% (w/v) Acetic acid	2	70

Test result :

(1) Brown melamine with inaccessible coatings (brown style).

Test Item	Result				
	1 st migration mg/kg	2 nd migration mg/kg	3 rd migration mg/kg	Reporting Limit mg/kg	Limit mg/kg
3% (w/v) Acetic acid	5.7	5.6	3.6	3	15

Remarks:

Tested Component (1) was tested by article filling .

Ratio of food contact surface area to volume of tested component(1) used for the testing : 1 dm²: 48 ml

Specific Migration of 2,4,6-Triamino-1,3,5-Triazine (Melamine) Test

With reference to Commission Regulation (EU) No. 10/2011 and its amendments and DD CEN/TS 13130-27:2005

Test condition:

Tested component	Food simulant	Time (hour)	Temperature(°C)
(1)	3% (w/v) Acetic acid	2	70

Test result :

(1) Brown melamine with inaccessible coatings (brown style).

Food simulant	Result				
	1 st migration mg/kg	2 nd migration mg/kg	3 rd migration mg/kg	Reporting Limit mg/kg	Limit mg/kg
3% (w/v) Acetic acid	1.1	1.1	ND	1.0	2.5

Remarks:

ND = Not detected

COMPONENT LIST

No.	Test Component Description(s)
(1)	Brown melamine with inaccessible coatings (brown style).

End of Report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) received and tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek.

