



Test Report (Reference) No. F690101/LF-CTSAYAR22-01924E

Issued Date : 2022. 07. 21 Page1 / 3

Applicant : PLASTECH CO., LTD.

Address : 122-66 Sangdong-ro, Sangdong-myeon, Gimhae-si, Gyeongnam, Korea

The following sample(s) was/were submitted and identified by/on behalf of the client as:-

This report is not related to the Ministry of Food and Drug Safety "ACT ON TESTING AND INSPECTION IN THE FOOD AND DRUG INDUSTRY"

SGS File No. : AYAR22-01924E
Product Name : A-PET Food Quality Sheet
Item No./Part No. : N/A
Material : Polyethyleneterephthalate (PET)
Test Period : 2022. 07. 12 to 2022. 07. 21
Purpose of Test Report : Reference
Test Results : For further details, please refer to the following page(s)

Jerry Jung

Technical Manager / SGS KOREA

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**Test Report (Reference) No. F690101/LF-CTSAYAR22-01924E**

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Sample No. : AYAR22-01924E.001
Product Name : A-PET Food Quality Sheet
Item No./Part No. : N/A
Material : Polyethyleneterephthalate (PET)

Test item	Unit	LOQ	Test Result	Remarks
Lead(Pb)	mg/kg	2	Not detected	Not more than 100 (as sum)
Cadmium(Cd)	mg/kg	2	Not detected	Not more than 100 (as sum)
Mercury(Hg)	mg/kg	0.2	Not detected	Not more than 100 (as sum)
Hexavalent Chromium (Cr6+)	mg/kg	0.4	Not detected	Not more than 100 (as sum)
Test Method	MFDS "Standards and Specifications for Food Utensils, Containers and Packages"			

Test item	Unit	LOQ	Test Result	Remarks
Migration Lead(Pb)	mg/L	0.05	Not detected	Not more than 1
Consumption of potassium permanganate	mg/L	0.5	Not detected	Not more than 10
Overall migration (as water)	mg/L	5	6	Not more than 30
Overall migration (as 4%acetic acid)	mg/L	5	Not detected	Not more than 30
Overall migration (as n-Heptane)	mg/L	5	Not detected	Not more than 30
Overall migration (as 50%ethanol)	mg/L	5	Not detected	Not more than 30
Antimony (Sb)	mg/L	0.02	Not detected	Not more than 0.04
Germanium (Ge)	mg/L	0.01	Not detected	Not more than 0.1
Isophthalic acid (as water)	mg/L	0.2	Not detected	Not more than 5
Terephthalic acid (as water)	mg/L	0.2	Not detected	Not more than 7.5
Isophthalic acid (as 4%acetic acid)	mg/L	0.2	Not detected	Not more than 5
Terephthalic acid (as 4%acetic acid)	mg/L	0.2	Not detected	Not more than 7.5

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**Test Report (Reference) No. F690101/LF-CTSAYAR22-01924E**

Issued Date : 2022. 07. 21 Page3 / 3

Sample No. : AYAR22-01924E.001
Product Name : A-PET Food Quality Sheet
Item No./Part No. : N/A
Material : Polyethyleneterephthalate (PET)

Test item	Unit	LOQ	Test Result	Remarks
Isophthalic acid (as n-heptane)	mg/L	0.2	Not detected	Not more than 5
Terephthalic acid (as n-heptane)	mg/L	0.2	Not detected	Not more than 7.5
Isophthalic acid (as 50% ethanol)	mg/L	0.3	Not detected	Not more than 5
Terephthalic acid (as 50% ethanol)	mg/L	0.3	Not detected	Not more than 7.5
Acetaldehyde (as water)	mg/L	3	Not detected	Not more than 6
Acetaldehyde (as 4%acetic acid)	mg/L	3	Not detected	Not more than 6
Acetaldehyde (as n-heptane)	mg/L	3	Not detected	Not more than 6
Acetaldehyde (as 50% ethanol)	mg/L	3	Not detected	Not more than 6
Test Method	MFDS "Standards and Specifications for Food Utensils, Containers and Packages"			

- NOTE: (1) Not detected = \leq LOQ (Limit Of Quantitation)
(2) Remarks = Specification
(3) The test results are limited to the requested product(sample name, item no.), and the sample don't have food Labeling information of Korea regulation.
(4) This test report is not related to Korea Laboratory Accreditation and KS Q ISO/IEC 17025.
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*** End of Report ***

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