

Test Report

No.: EGZ2509010162C00101R

Date: Sep. 18, 2025

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Applicant :**Address** :**Sample Name** : Plastic Box**Material** : ABS, PP, PS, AS**Received Date** : Sep. 01, 2025**Test Period** : Sep. 01, 2025~ Sep. 18, 2025

Test Requested : As requested by client, According to European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste and its amended directives, to determine:

- 1) Cadmium & Lead & Mercury content in the submitted sample;
- 2) Hexavalent Chromium content in the submitted sample.

Test Results : Please refer to next page (s).**Executive Summary:**

STANDARD

CONCLUSION

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste-Heavy metals

PASS

Signed for and on behalf of
EMTEK(Guangzhou) Co., Ltd

Prepared by:

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Approved by:

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Authorized signatory
Sep. 18, 2025

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Sample List:

No.	Sample Number	Sample Name
1	E2509010162-01	Plastic Box

Test Sample List:

No.	Sample Description
1.1	PP-white hard plastic
1.2	ABS- beige hard plastic with silvery coating
1.3	AS- colorless transparent hard plastic
1.4	ABS- black hard plastic
1.5	PS- colorless transparent hard plastic
1.6	PP- translucent hard plastic

Test Results:

Test Method: 1) to refer to IEC 62321-5:2013, determine the Lead, Cadmium content by ICP-OES.
 2) to refer to IEC 62321-4:2013+A1:2017, determine the Mercury content by ICP-OES.
 3) to refer to IEC 62321-7-2:2017, determine the Hexavalent Chromium content by UV-Vis.

Analyte	Unit	Test Result				MDL	Limit
		1.1	1.2	1.3	1.4		
Cadmium (Cd)	mg/kg	ND	ND	ND	ND	2	--
Lead (Pb)	mg/kg	ND	ND	ND	ND	2	--
Mercury (Hg)	mg/kg	ND	ND	ND	ND	2	--
Hexavalent Chromium (Cr ⁶⁺)	mg/kg	ND	ND	ND	ND	2	--
Total(Cd、Pb、Hg、Cr ⁶⁺)*	mg/kg	ND	ND	ND	ND	--	100

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Analyte	Unit	Test Result		MDL	Limit
		1.5	1.6		
Cadmium (Cd)	mg/kg	ND	ND	2	--
Lead (Pb)	mg/kg	ND	ND	2	--
Mercury (Hg)	mg/kg	ND	ND	2	--
Hexavalent Chromium (Cr ⁶⁺)	mg/kg	ND	ND	2	--
Total(Cd、Pb、Hg、Cr ⁶⁺)*	mg/kg	ND	ND	--	100

Note : (1). mg/kg = milligram per kilogram = ppm MDL = Method Detection Limit
 ND = Not Detected (Less than MDL.)

(2). * = only the test result which is above the MDL is taken into account when calculating the sum.

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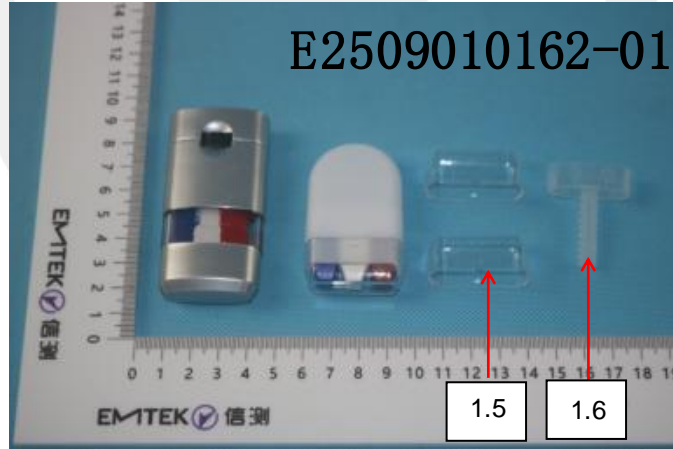
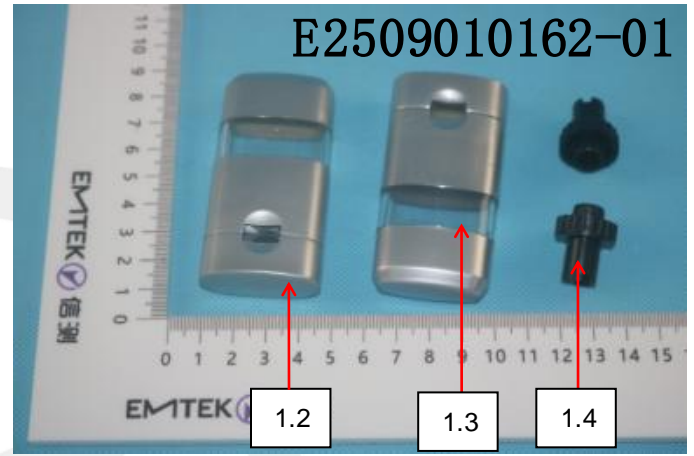
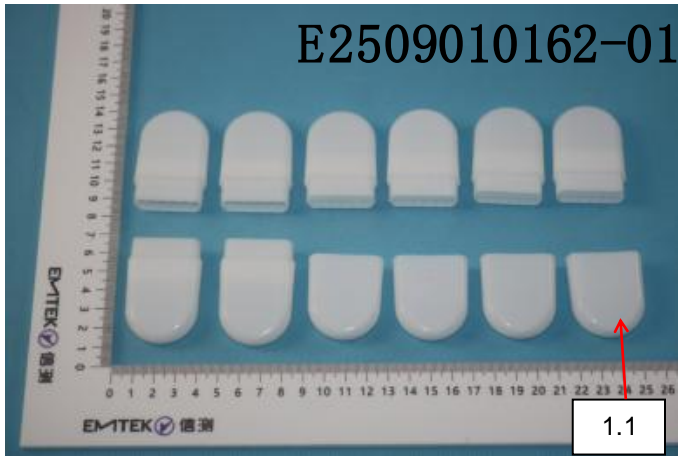
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Sample Photos:



*** End of Report ***

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