

Report No.:	2508B0693SHA-001-PAH
Project No.:	2508B0693SHA
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Approved by (+ signature)	Wayle Chen 
Date of issue	2025-09-22
Testing Laboratory	Intertek Testing Services (Shanghai FTZ) Co., Ltd.
Address	Building No.86, 1198 Qinzhou Road (North), Shanghai, 200233, China
Test specification AfPS GS 2019:01 PAK ☒ Testing and Validation of Polycyclic Aromatic Hydrocarbons (PAH) in the course of GS-Mark Certification from Ausschuss für Produktsicherheit (AfPS) from 15 Mai 2019	

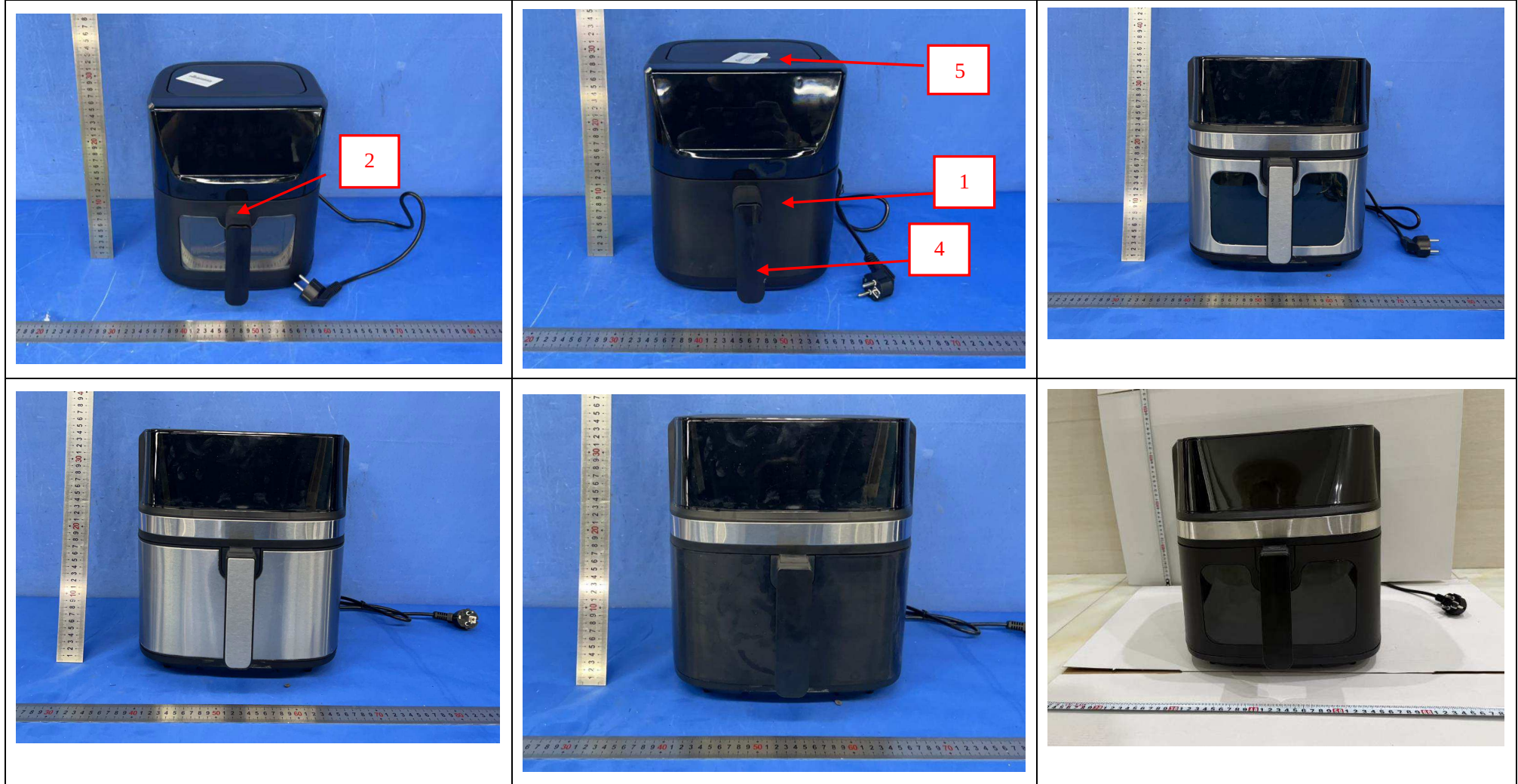
1. APPLICANT

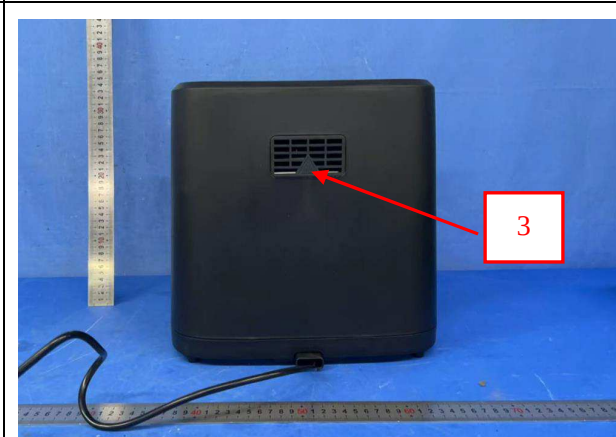
Applicant Name	Ningbo HengChuang Electric Appliance Co., LTD.
Address	No.58 Jinjia, Chengzhong Village, Zhouxiang Town, Cixi City, Zhejiang Province, China

2. PRODUCT DESCRIPTION

Test Item Description	Hot-air fryer
Model / Type Reference	HC-5001ET, HC-5001E, HC-8005ET, HC-8005E, HC-8002ET, HC-8002E, HC-8002ETS, HC-8002ES, HC-8003ET, HC-8003E, HC-8003EAT, HC-8003EA, HC-1101ET, HC-1101E, HC-1102ET, HC-1102E

PRODUCT PHOTO (Representative)





(Parts indicated with numbers are related to Section 4)

3. PAH RELEVANCE ANALYSE

3.1 PAH RELEVANCE ANALYSE - PRODUCT

☐ Product named under Section 2 can be omitted from PAH Risk Evaluation based on EK decision EK _____

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3.2 PAH RELEVANCE ANALYSE - MATERIAL

Part	Material	LFGB, EC reg. ^c	State	Significant smell	Material designation	Colour	PAH proof exempt
Power cord, power plug	☐ Glass ☐ Paper ☐ Metal* ☐ Wood*	☐	☐ SOFT ☒ HARD	☐ YES ☒ NO	PVC	Black/White	Rarely touched by the user in normal use
Inner enclosure	☐ Glass ☐ Paper ☐ Metal* ☐ Wood*	☐	☐ SOFT ☒ HARD	☐ YES ☒ NO	PA66	Black	Rarely touched by the user in normal use
Glass Viewing window	☒ Glass ☐ Paper ☐ Metal* ☐ Wood*	☐	☐ SOFT ☒ HARD	☐ YES ☒ NO	--	--	--
Top cover, Metal trim, Handle cover	☐ Glass ☐ Paper ☒ Metal* ☐ Wood*	☐	☐ SOFT ☒ HARD	☐ YES ☒ NO	--	--	--
Control panel, Plastic Viewing window	☐ Glass ☐ Paper ☐ Metal* ☐ Wood*	☐	☐ SOFT ☒ HARD	☐ YES ☒ NO	PC	transparency	--

- Note**
- a) Metal indicates BARE Metal;
 - b) Wood indicates UNTREATED Wood
 - c) EC regulations 10/2011(PIM) and 1935/2004

4. PAH TESTING - RESULTS OF CHEMICAL TESTED MATERIALS

Part	Material	Colour	Manufacturer	Category	Approved Laboratory / PAH Report No./ Issue Date	Test Result	Comment
1.External enclosure	PP	Black White	Ningbo HengChuang Electric Appliance Co., LTD.	☐ 1 ☐ 2 ☒ 3	BV/ (3225)126-0393/ 2025-05-15	☒ PASS ☐ FAIL	Item 5 Item 10
2.Handle 3.Air outlet grille	PA66	Black	Ningbo HengChuang Electric Appliance Co., LTD.	☐ 1 ☐ 2 ☒ 3	BV/ (3225)126-0393/ 2025-05-15	☒ PASS ☐ FAIL	Item 4 Item 6

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4.Handle cover 5.Top cover	ABS	Black White	Ningbo HengChuang Electric Appliance Co., LTD.	☐ 1 ☐ 2 ☒ 3	BV/ (3225)126-0393/ 2025-05-15	☒ PASS ☐ FAIL	Item 1 Item 9
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AFPS GS 2019:01 PAK Testing and Validation of Polycyclic Aromatic Hydrocarbons (PAH) in the course of GS-Mark Certification from Ausschuss für Produktsicherheit (AfPS) from 15 Mai 2019)

Limits for PAH content for material of contact/grip surfaces and sensing areas	Category 1	Category 2		Category 3	
	Materials indented to be put in the mouth, or materials of toys according to RL 2009/48/EG or material in products for use by children up to 3 years with intended long-term skin contact (longer than 30 seconds) during intended use	Materials not covered by category 1, with foreseeable skin contact for longer than 30 seconds (long-term skin contact) or repeated short-term skin contact ^b when used as intended or foreseeable		Materials not covered in Cat. 1 or 2, with short-term skin contact (up to 30 s) when used as intended or foreseeable	
		a. Use by children ^{c,d}	b. Other consumer products	a. Use by children ^{c,d}	b. Other consumer products
BENZO(a)PYRENE / BENZO(e)PYRENE / BENZO(a)ANTHRACENE / BENZO(b)FLUORANTHENE / BENZO(j)FLUORANTHENE / BENZO(k)FLUORANTHENE / CHRYSENE / DIBENZO(a,h)ANTHRACENE / BENZO(g,h,i)PERYLENE / INDENO(1,2,3-cd)PYRENE	For each substance: < 0.2 mg/kg	For each substance: < 0.2 mg/kg	For each substance: < 0.5 mg/kg	For each substance: < 0.5 mg/kg	For each substance: < 1 mg/kg
PHENANTHRENE, PYRENE, ANTHRACENE, FLUORANTHENE	<1 mg/kg Sum	< 5 mg/kg Sum	< 10 mg/kg Sum	< 20 mg/kg Sum	< 50 mg/kg Sum
NAPHTHALENE	< 1 mg/kg	< 2 mg/kg		< 10 mg/kg	
Sum 15 PAH	< 1 mg/kg	< 5 mg/kg	< 10 mg/kg	< 20 mg/kg	< 50 mg/kg

a) According to definitions of the ProdSG (section 1 § 2 no. 28), foreseeable use is the use of a product in a manner not provided for by the person placing it on the market but reasonably foreseeable.

b) Formulation "repeated short-term skin contact" from REACH Annex XVII No. 50 Supplement (REGULATION (EU) No 1272/2013)

c) Legally defined as a "child" is a person before the age of 14.

d) Use by children includes both active and passive direct contact by children.

5. EVALUATION RESULT

☒ After review and evaluation of the sample and all product documents and test report the EUT is **in compliance** with **AfPS GS 2019:01 PAK**.

☐ After review and evaluation of the sample and all product documents and test report the EUT is
NOT in compliance with **AfPS GS 2019:01 PAK**.

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