



TEST REPORT

NINGBO HENGCHUANG ELECTRIC APPLIANCE CO., LTD

Technical Report: (3225)126-0393

Date Received: May 06, 2025

May 15, 2025

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MARSHALL ZHANG
NINGBO HENGCHUANG ELECTRIC APPLIANCE CO., LTD
NO.58 JINJIA, CHENGZHONG VILLAGE, ZHOUXIANG
TOWN, CIXI CITY, ZHEJIANG PROVINCE, CHINA

SAMPLE INFORMATION:

Sample Description:	HOT-AIR FRYER	Sample Quantity:	N/A
Vendor:	N/A	Style No(s):	HC-8003ET
Manufacturer:	N/A	SKN/SKU No.:	N/A
Buyer:	N/A	PO No.:	N/A
Labeled Age Grade:	N/A	Ref #:	N/A
Appropriate Age Grade:	N/A	Country of Origin:	N/A
Client Specified Age Grade:	N/A	Assortment No.:	N/A
Tested Age Grade:	N/A	Country of Destination:	N/A
UPC Code:	N/A	Color :	N/A

EXECUTIVE SUMMARY:

TEST REQUESTED	CONCLUSION
Polycyclic Aromatic Hydrocarbons (PAHs) Content - AfPS GS 2019:01 PAK & As Applicant's requirement	PASS
Short Chain Chlorinated Paraffins (SCCPs) (C10 – C13) Content – Reference to Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on Persistent Organic Pollutants (POPs) (Recast)	PASS

Note: The test components of the submitted sample were specified by client.

BVCPS (ZHEJIANG) GENERAL CONTACT INFORMATION FOR THIS REPORT

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Bureau Veritas Testing Technical Service (Zhejiang) Co., Ltd

Kobe Chen

Kobe Chen
Chemical Supervisor



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Tested Component(s) Breakdown List

Test Item	Description	Location	Style
1	Black plastic	-	-
2	Black transparent plastic	-	-
3	Black plastic	-	-
4	Black plastic	-	-
5	Black plastic	-	-
6	Black plastic	-	-
7	Black soft plastic	Wire jacket	-
8	Black plastic	-	-
9	White plastic	-	-
10	White plastic	-	-
11	Black soft plastic	-	-
12	Black soft plastic	-	-
13	Black coating	-	-
14	Brown soft plastic	Wire jacket	-
15	Blue soft plastic	Wire jacket	-
16	Kelly soft plastic	Wire jacket	-
17	Black soft plastic	-	-
18	Blue fabric	-	-
19	Red fabric	-	-
20	Kelly fabric	-	-
21	Black plastic	-	-
22	Black fabric	-	-
23	Black fabric	-	-
24	Black soft plastic	-	-
25	White fabric	-	-
26	White soft plastic with red printing	Wire jacket	-
27	White plastic	-	-
28	White fabric	-	-
29	White transparent plastic	-	-
30	Black soft plastic	Wire jacket	-
31	White plastic	-	-
32	White soft plastic	-	-

Polycyclic Aromatic Hydrocarbons (PAHs) Content - AfPS GS 2019:01 PAK & As Applicant's requirement

Test Method: With reference to test method mentioned in German AfPS GS 2019:01 PAK.

Type (See Comment for the List of Types)	I	IIa	IIb	IIIa	IIIb
Test Parameter(s)	Limit[a] (mg/kg)				
Each of 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 and Indeno (1,2,3-cd) pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Sum of Phenanthrene, Pyrene, Anthracene and Fluoranthene	< 1	< 5	< 10	< 20	< 50
Naphthalene	< 1	< 2	< 2	< 10	< 10
Sum of all listed PAHs	< 1	< 5	< 10	< 20	< 50

Test Item(s)	Limit: Cat III B	Result (mg/kg)		
		Sample ID		
		1 + 2 + 3	4 + 5 + 6	7 + 11 + 12
Naphthalene	10	ND	0.29	ND
Phenanthrene	50	ND	ND	ND
Anthracene	50	ND	ND	ND
Fluoranthene	50	ND	ND	ND
Pyrene	50	ND	ND	ND
Benzo (a) anthracene	1	ND	ND	ND
Chrysene	1	ND	ND	ND
Benzo (b) fluoranthene	1	ND	ND	ND
Benzo (j) fluoranthene	1	ND	ND	ND
Benzo (k) fluoranthene	1	ND	ND	ND
Benzo (e) pyrene	1	ND	ND	ND
Benzo (a) pyrene	1	ND	ND	ND
Dibenzo (a,h) anthracene	1	ND	ND	ND
Indeno (1,2,3-c,d) pyrene	1	ND	ND	ND
Benzo (g,h,i) perylene	1	ND	ND	ND
Sum of Phenanthrene, Pyrene, Anthracene and Fluoranthene	50	ND	ND	ND
Sum	50	ND	0.29	ND
Conclusion		PASS	PASS	PASS

Test Item(s)	Limit: Cat III B	Result (mg/kg)	
		Sample ID	
		8 + 9 + 10	13
Naphthalene	10	ND	ND
Phenanthrene	50	ND	ND
Anthracene	50	ND	ND
Fluoranthene	50	ND	ND
Pyrene	50	ND	ND
Benzo (a) anthracene	1	ND	ND
Chrysene	1	ND	ND
Benzo (b) fluoranthene	1	ND	ND
Benzo (j) fluoranthene	1	ND	ND
Benzo (k) fluoranthene	1	ND	ND
Benzo (e) pyrene	1	ND	ND
Benzo (a) pyrene	1	ND	ND
Dibenzo (a,h) anthracene	1	ND	ND
Indeno (1,2,3-c,d) pyrene	1	ND	ND
Benzo (g,h,i) perylene	1	ND	ND
Sum of Phenanthrene, Pyrene, Anthracene and Fluoranthene	50	ND	ND
Sum	50	ND	ND
Conclusion		PASS	PASS

Note / Key :

ND = Not detected

AfPS = Ausschuss für Produktsicherheit = Product Safety Commission

PAK = PAHs

GS = GS-Spezifikation = GS Specification

Detection Limit (mg/kg) - Each 0.2 ;

Remark:

The list of polycyclic aromatic hydrocarbons is summarized in table of Appendix.

Plasticized and rubberized prints, coatings and plastic materials of product are applicable to be tested.

[a] denotes as this (these) limit(s) applies to product(s) with GS-Mark dated on or after July 01, 2020.

Comment :

List of Types [Categories defined in German AfPS GS 2019:01 PAK] :

Category 1: Materials intended to be put in the mouth or materials in toys according to the toy directive 2009/48/EC, or materials in products for use of children up to three years with long-term intended skin contact (Longer than 30 seconds) according intended use I

Category 2: Materials not covered by Category 1, with long-term skin contact (Longer than 30 seconds) or repeated short-term skin contact according intended use or foreseeable use IIa[b] or IIb[c]

Category 3: Materials not covered by Category 1 or 2 with short term skin contact (Up to 30 seconds) according intended use or foreseeable use IIIa[b] or IIIb[c]

[b] denotes as use by children before the age 14 with active and passive direct contact

[c] denotes as other consumer products

List of Polycyclic Aromatic Hydrocarbons (PAHs) Content - AfPS GS 2019:01 PAK & As Applicant's Requirement					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Naphthalene	91-20-3	9	Benzo (j) fluoranthene	205-82-3
2	Phenanthrene	85-01-8	10	Benzo (k) fluoranthene	207-08-9
3	Anthracene	120-12-7	11	Benzo (e) pyrene	192-97-2
4	Fluoranthene	206-44-0	12	Benzo (a) pyrene	50-32-8
5	Pyrene	129-00-0	13	Dibenzo (a,h) anthracene	53-70-3
6	Benzo (a) anthracene	56-55-3	14	Indeno (1,2,3-c,d) pyrene	193-39-5
7	Chrysene	218-01-9	15	Benzo (g,h,i) perylene	191-24-2
8	Benzo (b) fluoranthene	205-99-2	-	-	-

Short Chain Chlorinated Paraffins (SCCPs) (C10 – C13) Content – Reference to Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on Persistent Organic Pollutants (POPs) (Recast)

Test Method : With reference to test method mentioned in ISO 18219-1:2021

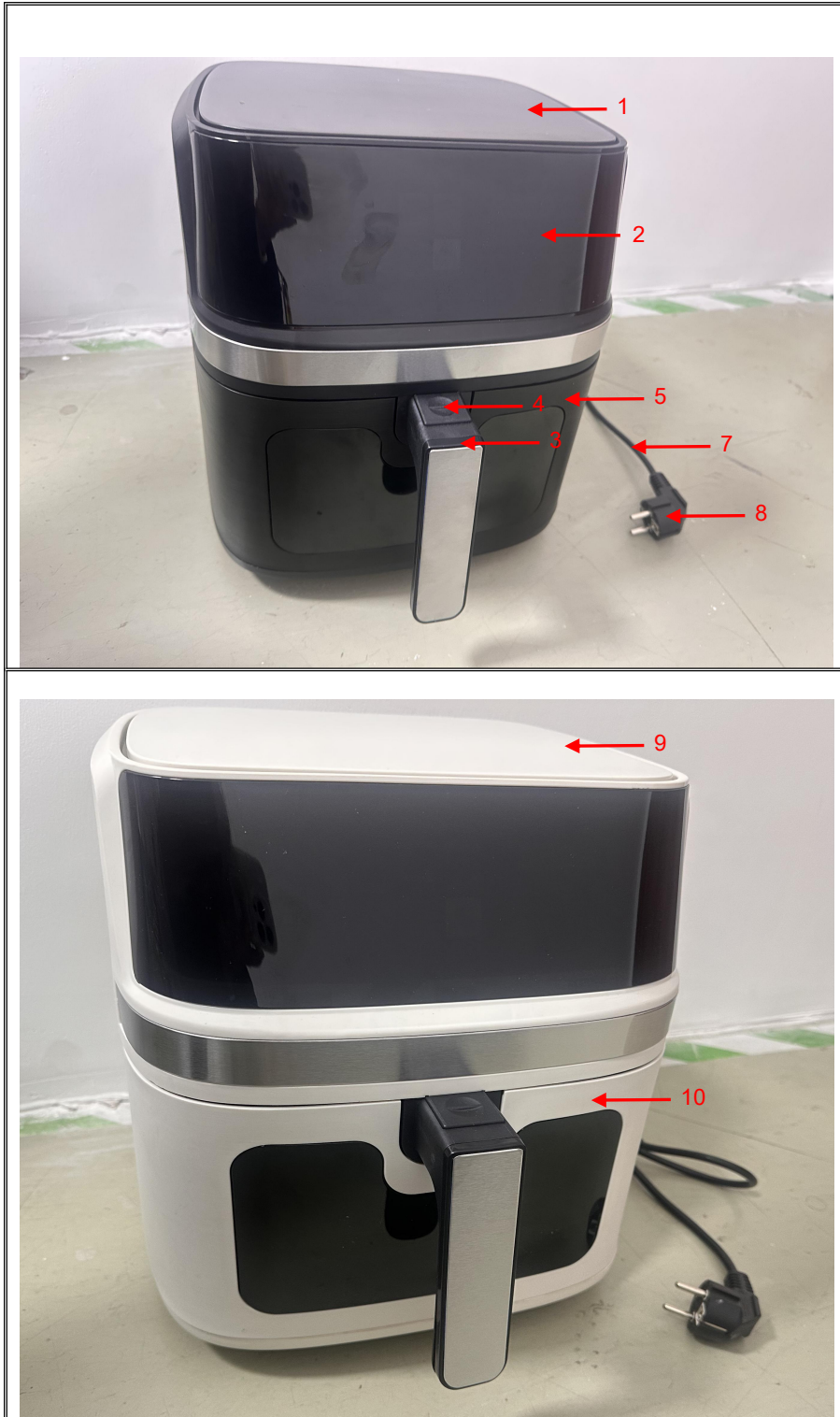
Maximum Limit:	Less than 1500 mg/kg
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Test Item(s)	Result	Unit	Conclusion
1 + 2 + 3	ND	mg/kg	PASS
4 + 5 + 6	ND	mg/kg	PASS
7 + 11 + 12	ND	mg/kg	PASS
8 + 9 + 10	ND	mg/kg	PASS
13	ND	mg/kg	PASS
14 + 15 + 16	ND	mg/kg	PASS
17	ND	mg/kg	PASS
18 + 19 + 20	ND	mg/kg	PASS
21 + 27	ND	mg/kg	PASS
22 + 23	ND	mg/kg	PASS
24 + 30	ND	mg/kg	PASS
25 + 28	ND	mg/kg	PASS
26 + 32	ND	mg/kg	PASS
29 + 31	ND	mg/kg	PASS

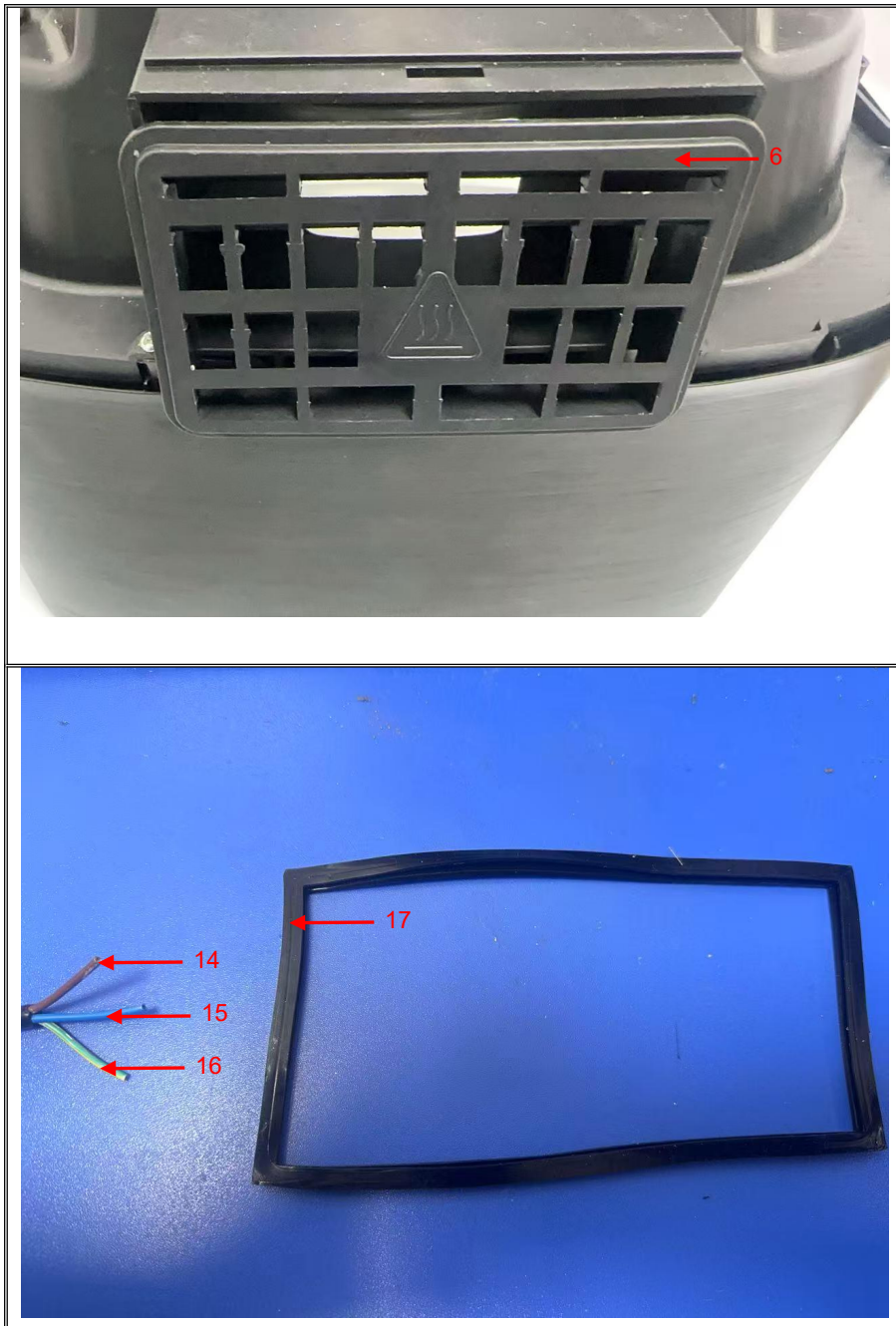
Note / Key :

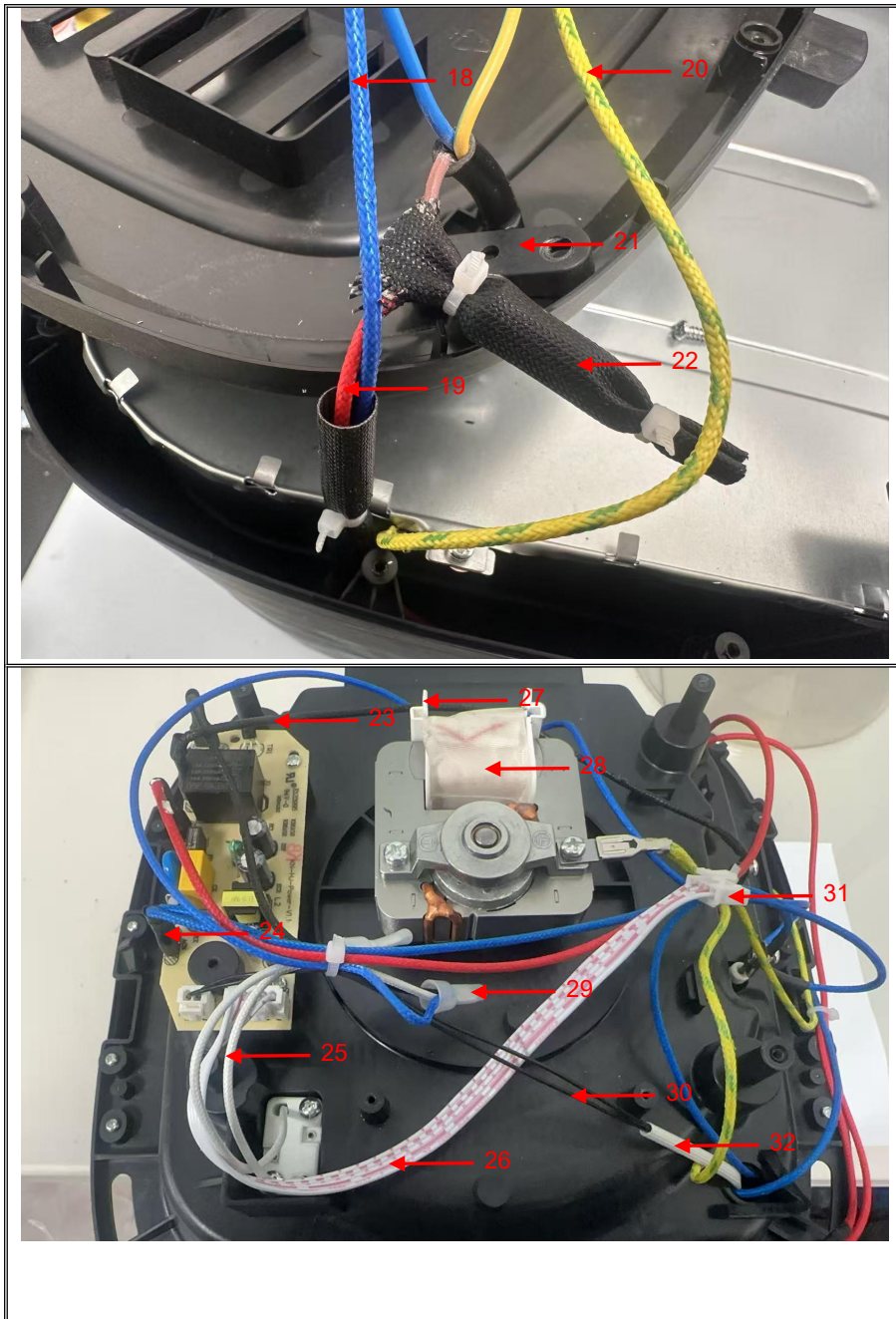
ND = Not detected mg/kg = milligram(s) Detection Limit (mg/kg): 30
per kilogram = ppm = part(s) per million

SAMPLE REFERENCE PHOTO:











Appendix **Additional Model**

HC-5001M,HC-5001MT,HC-5001E,HC-5001ET,HC-5001EA,HC-5001EAT,HC-5001MH,
HC-5001MTH,HC-5001EH,HC-5001ETH,HC-5001EAH,HC-5001EATH
HC-5002M,HC-5002MT,HC-5002E,HC-5002ET,HC-5002EA,HC-5002EAT,HC-5002MH,
HC-5002MTH,HC-5002EH,HC-5002ETH,HC-5002EAH,HC-5002EATH
HC-5003M,HC-5003MT,HC-5003E,HC-5003ET,HC-5003EA,HC-5003EAT,HC-5003MH,
HC-5003MTH,HC-5003EH,HC-5003ETH,HC-5003EAH,HC-5003EATH

HC-6001M,HC-6001MT,HC-6001E,HC-6001ET,HC-6002M,HC-6002MT,HC-6002E,
HC-6002ET,HC-6001MH,HC-6001MTH,HC-6001EH,HC-6001ETH,HC-6002MH,
HC-6002MTH,HC-6002EH,HC-6002ETH
HC-6501M,HC-6501MT,HC-6501E,HC-6501EA,HC-6501ET,HC-6501EAT,HC-6502M,
HC-6502MT,HC-6502E,HC-6502EA,HC-6502ET,HC-6502EAT,HC-6001MH,HC-6501MTH,HC-6501EH,HC-
6501EAH,HC-6501ETH,HC-6501EATH,HC-6502MH,HC-6502MTH,
HC-6502EH,HC-6502EAH,HC-6502ETH,HC-6502EATH

HC-8002M,HC-8002MT,HC-8002E,HC-8002ET,HC-8002EA,HC-8002EAT,HC-8002MH,
HC-8002MTH,HC-8002EH,HC-8002ETH,HC-8002EAH,HC-8002EATH
HC-8003M,HC-8003MT,HC-8003E,HC-8003ET,HC-8003EA,HC-8003EAT,HC-8002MH,
HC-8002MTH,HC-8003EH,HC-8003ETH,HC-8003EAH,HC-8003EATH
HC-8005M,HC-8005MT,HC-8005E,HC-8005ET,HC-8005EA,HC-8005EAT,HC-8005MH,
HC-8005MTH,HC-8005EH,HC-8005ETH,HC-8005EAH,HC-8005EATH
HC-8006M,HC-8006MT,HC-8006E,HC-8006ET,HC-8006EA,HC-8006EAT,HC-8006MH,
HC-8006MTH,HC-8006EH,HC-8006ETH,HC-8006EAH,HC-8006EATH
HC-8008M,HC-8008MT,HC-8008E,HC-8008ET,HC-8008EA,HC-8008EAT,HC-8008MH,
HC-8008MTH,HC-8008EH,HC-8008ETH,HC-8008EAH,HC-8008EATH

HC-1101M,HC-1101MT,HC-1101E,HC-1101ET,HC-1101EA,HC-1101EAT,HC-1101MH,
HC-1101MTH,HC-1101EH,HC-1101ETH,HC-1101EAH,HC-1101EATH
HC-1102M,HC-1102MT,HC-1102E,HC-1102ET,HC-1102EA,HC-1102EAT,HC-1102MH,
HC-1102MTH,HC-1102EH,HC-1102ETH,HC-1102EAH,HC-1102EATH
HC-1103M,HC-1103MT,HC-1103E,HC-1103ET,HC-1103EA,HC-1103EAT,HC-1103MH,
HC-1103MTH,HC-1103EH,HC-1103ETH,HC-1103EAH,HC-1103EATH
HC-1105M,HC-1105MT,HC-1105E,HC-1105ET,HC-1105EA,HC-1105EAT,HC-1105MH,
HC-1105MTH,HC-1105EH,HC-1105ETH,HC-1105EAH,HC-1105EATH
HC-1106M,HC-1106MT,HC-1106E,HC-1106ET,HC-1106EA,HC-1106EAT,HC-1106MH,
HC-1106MTH,HC-1106EH,HC-1106ETH,HC-1106EAH,HC-1106EATH
HC-1108M,HC-1108MT,HC-1108E,HC-1108ET,HC-1108EA,HC-1108EAT,HC-1108MH,
HC-1108MTH,HC-1108EH,HC-1108ETH,HC-1108EAH,HC-1108EATH

HC-1201M,HC-1201MT,HC-1201E,HC-1201ET,HC-1201EA,HC-1201EAT,HC-1201MH,
HC-1201MTH,HC-1201EH,HC-1201ETH,HC-1201EAH,HC-1201EATH
HC-1202M,HC-1202MT,HC-1202E,HC-1202ET,HC-1202EA,HC-1202EAT,HC-1202MH,
HC-1202MTH,HC-1202EH,HC-1202ETH,HC-1202EAH,HC-1202EATH
HC-1203M,HC-1203MT,HC-1203E,HC-1203ET,HC-1203EA,HC-1203EAT,HC-1203MH,
HC-1203MTH,HC-1203EH,HC-1203ETH,HC-1203EAH,HC-1203EATH
HC-1205M,HC-1205MT,HC-1205E,HC-1205ET,HC-1205EA,HC-1205EAT,HC-1205MH,
HC-1205MTH,HC-1205EH,HC-1205ETH,HC-1205EAH,HC-1205EATH
HC-1206M,HC-1206MT,HC-1206E,HC-1206ET,HC-1206EA,HC-1206EAT,HC-1206MH,
HC-1206MTH,HC-1206EH,HC-1206ETH,HC-1206EAH,HC-1206EATH
HC-1208M,HC-1208MT,HC-1208E,HC-1208ET,HC-1208EA,HC-1208EAT,HC-1208MH,
HC-1208MTH,HC-1208EH,HC-1208ETH,HC-1208EAH,HC-1208EATH



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HC-1001M,HC-1001MT,HC-1001E,HC-1001ET,HC-1001EA,HC-1001EAT,HC-1001MH,
HC-1001MTH,HC-1001EH,HC-1001ETH,HC-1001EAH,HC-1001EATH
HC-1002M,HC-1002MT,HC-1002E,HC-1002ET,HC-1002EA,HC-1002EAT,HC-1002MH,
HC-1002MTH,HC-1002EH,HC-1002ETH,HC-1002EAH,HC-1002EATH

HC-1101ES,HC-1101ETS,HC-1102ES,HC-1102ETS,HC-1101EP,HC-1101ETP,HC-1102EP,HC-1102ETP

HC-101

Note: The information in this Appendix is provided by client. Since the client was not able to provide the sample of additional Style, above additional Style(s) hasn't been tested, but only based on the guarantee letter provided by the client. Bureau Veritas-CPS takes no responsibility for any mistakes and the problems of product consistency caused by inaccurate and/or invalid information submitted by the client. The client will take the responsibility of all discrepancy and risk.

-- END OF REPORT --