



Test Report

No.: SHHL2208037238TY

Date: SEP. 15, 2022

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HAPE INTERNATIONAL (NINGBO) LTD
 HAPPY ARTS&CRAFTS (NINGBO) CO., LTD
 9-27NANHAI ROAD, DAGANG INDUSTRIAL CITY, BEILUN, NINGBO, CHINA

Sample Description : GOURMET GRILL (WITH FOOD)
 Sample Quantity : 6 SETS
 Style / Item No. : E3127
 Country of Origin : CHINA
 Country of Destination : GLOBAL
 Labeled Age Grading : 3Y+
 Requested Age Grading : 3Y+
 Client reference information : E3127A
 Asin No : B00712NXAE

Source of Sample : SENT BY CLIENT.
 Age Group Assessed as Per Age Guideline : 3+ YEARS
 Age Group Applied in Testing : 3+ YEARS
 Sample Receiving Date : AUG. 25, 2022
 Further Information Date : SEP. 14, 2022
 Testing Period : AUG. 25, 2022 TO SEP. 15, 2022

Test Requested	Result
ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	Pass
Physical and mechanical tests consisting US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 and US CPSC 16 CFR 1501	Pass
US CPSC 16 CFR 1500.19 – Misbranded toys and other articles intended for use by children	N/A
US CPSC 16 CFR 1500.44 – Method for determining extremely flammable and flammable solids	Pass
Lead(Pb)	Pass
CPSIA section 101(f) - Lead in paint/similar surface coating material	Pass
Part 1303, Title 16, Code of Federal Regulations, Chapter II - Consumer Products Safety Commission of U.S.A.-Lead	Pass
CPSIA section 101(a)(2) - Lead in accessible substrate materials	Pass
Tracking label per 15 U.S.C. § 2063(a)(5) and Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.	Pass

Signed for and on behalf of
 SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Jessie Zhou

Jessie Zhou
 Authorized Signatory



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Test Result
ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY

AS SPECIFIED IN ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	Safety Requirements	
4.1	Material Quality **	<u>Pass</u>
4.2	Flammability Test	<u>Pass (See Detail of test result)</u>
4.3	Toxicology	
4.3.5	Heavy Elements	
4.3.5.1	Heavy Elements in Paint/Similar Surface Coating Materials	<u>Pass (See Detail of test result)</u>
4.3.5.2	Heavy Metal in Substrate Materials	<u>Pass (See Detail of test result)</u>
4.5	Sound-Producing Toys	<u>Pass</u>
4.6.1	Small Objects	<u>N/A</u>
4.6.2	Mouth-Actuated Toys	<u>N/A</u>
4.6.3	Labelling Requirements (Remark: The toy does not contain as-received small part.)	<u>N/A (See Remark)</u>
4.7	Accessible Edges	<u>Pass</u>
4.8	Projections	<u>Pass</u>
4.9	Accessible Points	<u>Pass</u>
4.11	Nails and Fasteners	<u>Pass</u>
4.12	Plastic Film	<u>Pass</u>
4.13.2	Hinge-Line Clearance	<u>Pass</u>
4.17	Wheels, Tires, and Axles	<u>Pass</u>
5	Safety Labeling Requirements	
5.2	Age Grading Labeling	<u>Pass</u>
5.16	Promotional Materials	<u>Pass</u>
7	Producer's Markings	
7.1	Producer's Markings	<u>Pass</u>
8.5	Normal Use Testing	<u>Pass</u>
8.7	Impact Test	<u>Pass</u>
8.8	Torque Test	<u>Pass</u>
8.9	Tension Test	<u>Pass</u>



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8.10 Compression Test

Pass

N/A = Not Applicable

** Visual Examination

Detail of test result:

ASTM F963-17, Clause 4.2 – Flammability Test
Flammability Test on Solid

Sample
GOURMET GRILL (WITH FOOD)

Burning Rate (inch/sec)
DNI

Requirement: A toy / component is considered a “flammable solid” if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.

DNI = Did Not Ignite

Test Part Description:

SN ID	Sample No	SGS Sample ID	Description
SN1	A1	SHA22-0010844-0001.C001	Transparent coating
SN2	A2	SHA22-0010844-0001.C002	Red coating
SN3	A3	SHA22-0010844-0001.C003	Orange coating
SN4	A4	SHA22-0010844-0001.C004	Yellow coating
SN5	A5	SHA22-0010844-0001.C005	Dark green coating
SN6	A6	SHA22-0010844-0001.C006	Light green coating
SN7	A7	SHA22-0010844-0001.C007	White coating
SN8	A8	SHA22-0010844-0001.C008	Blue coating
SN9	A9	SHA22-0010844-0001.C009	Grey coating
SN10	A10	SHA22-0010844-0001.C010	Rose coating
SN11	A11	SHA22-0010844-0001.C011	Light purple coating
SN12	A12	SHA22-0010844-0001.C012	Dark purple coating
SN13	A13	SHA22-0010844-0001.C013	Brown coating
SN14	A14	SHA22-0010844-0001.C014	Cream coating
SN15	A15	SHA22-0010844-0001.C015	Dark red coating
SN16	A16	SHA22-0010844-0001.C016	Black coating



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SN ID	Sample No	SGS Sample ID	Description
SN17	A17	SHA22-0010844-0001.C017	Silvery coating
SN18	A18	SHA22-0010844-0001.C018	Coral coating
SN19	A19	SHA22-0010844-0001.C019	Orange elastic
SN20	A20	SHA22-0010844-0001.C020	Cream PC pin
SN21	A21	SHA22-0010844-0001.C021	White plastic
SN22	A22	SHA22-0010844-0001.C022	Red cord
SN23	A23	SHA22-0010844-0001.C023	Natural colored plywood
SN24	A24	SHA22-0010844-0001.C024	Natural colored solid wood
SN25	A25	SHA22-0010844-0001.C025	Silvery metal nail

Remarks:

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Lead(Pb)

Test Method: With reference to US EPA 3050B:1996, analysis was performed by ICP-OES/AAS.

Test Item(s)	Limit	Units	MDL	A25
Lead(Pb)	40	mg/kg	2	ND
Conclusion				Pass

Notes:

The maximum permissible limit is quoted from the client requirement.

Test Method: With reference to US EPA 3052:1996, analysis was performed by ICP-OES/AAS.

Test Item(s)	Limit	Units	MDL	A1	A2	A3
Lead(Pb)	40	mg/kg	2	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A4	A5	A6
Lead(Pb)	40	mg/kg	2	ND	ND	ND
Conclusion				Pass	Pass	Pass



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Test Item(s) Lead(Pb) Conclusion	Limit 40	Units mg/kg	MDL 2	A7 ND Pass	A8 ND Pass	A9 ND Pass
Test Item(s) Lead(Pb) Conclusion	Limit 40	Units mg/kg	MDL 2	A10 ND Pass	A11 ND Pass	A12 ND Pass
Test Item(s) Lead(Pb) Conclusion	Limit 40	Units mg/kg	MDL 2	A13 ND Pass	A14 ND Pass	A15 ND Pass
Test Item(s) Lead(Pb) Conclusion	Limit 40	Units mg/kg	MDL 2	A16 ND Pass	A17 ND Pass	A18 ND Pass
Test Item(s) Lead(Pb) Conclusion	Limit 40	Units mg/kg	MDL 2	A20 ND Pass	A21 ND Pass	

Notes:

The maximum permissible limit is quoted from the client requirement.

American Society for Testing and Materials - ASTM F 963-17 - total Lead in paint and similar surface-coating materials

Test Method: With reference to CPSC-CH-E1003-09.1, analysis was performed by AAS/ICP-OES.

Test Item(s) Total Lead (Pb) Conclusion	Limit 90	Units mg/kg	MDL 20	A1 ND Pass	A2 ND Pass	A3 ND Pass
Test Item(s) Total Lead (Pb) Conclusion	Limit 90	Units mg/kg	MDL 20	A4 ND Pass	A5 ND Pass	A6 ND Pass



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Test Item(s)	Limit	Units	MDL	A7	A8	A9
Total Lead (Pb)	90	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A10	A11	A12
Total Lead (Pb)	90	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A13	A14	A15
Total Lead (Pb)	90	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A16	A17	A18
Total Lead (Pb)	90	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

CPSIA section 101(f) - Lead in paint/similar surface coating material

Test Method: With reference to CPSC-CH-E1003-09.1, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Units	MDL	A1	A2	A3
Lead (Pb)	0.009	%	0.0020	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A4	A5	A6
Lead (Pb)	0.009	%	0.0020	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A7	A8	A9
Lead (Pb)	0.009	%	0.0020	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A10	A11	A12
Lead (Pb)	0.009	%	0.0020	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A13	A14	A15
Lead (Pb)	0.009	%	0.0020	ND	ND	ND
Conclusion				Pass	Pass	Pass



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Test Item(s)	Limit	Units	MDL	A16	A17	A18
Lead (Pb)	0.009	%	0.0020	ND	ND	ND
Conclusion				Pass	Pass	Pass

Part 1303, Title 16, Code of Federal Regulations, Chapter II - Consumer Products Safety Commission of U.S.A.-Lead

Test Method: With reference to CPSC-CH-E1003-09.1, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Units	MDL	A1	A2	A3
Lead(Pb)	0.009	%	0.0020	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A4	A5	A6
Lead(Pb)	0.009	%	0.0020	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A7	A8	A9
Lead(Pb)	0.009	%	0.0020	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A10	A11	A12
Lead(Pb)	0.009	%	0.0020	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A13	A14	A15
Lead(Pb)	0.009	%	0.0020	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A16	A17	A18
Lead(Pb)	0.009	%	0.0020	ND	ND	ND
Conclusion				Pass	Pass	Pass



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American Society for Testing and Materials - ASTM F 963-17 - total Lead in Substrate Materials

Test Method: With reference to CPSC-CH-E1001-08.3, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Units	MDL	A25
Total Lead (Pb)	100	mg/kg	20	ND
Conclusion				Pass

Test Method: With reference to CPSC-CH-E1002-08.3, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Units	MDL	A20	A21
Total Lead (Pb)	100	mg/kg	20	ND	ND
Conclusion				Pass	Pass

CPSIA section 101(a)(2) - Lead in accessible substrate materials

Test Method: With reference to CPSC-CH-E1002-08.3, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Units	MDL	A20	A21
Lead (Pb)	0.01	%	0.0020	ND	ND
Conclusion				Pass	Pass

Test Method: With reference to CPSC-CH-E1001-08.3, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Units	MDL	A25
Lead (Pb)	0.01	%	0.0020	ND
Conclusion				Pass

American Society for Testing and Materials - ASTM F 963-17 - soluble Heavy Metal for paint and similar surface-coating materials

Test Method: With reference to ASTM F 963-17 (Clause 8.3), analysis was performed by ICP-OES.

Test Item(s)	Limit	Units	MDL	A1*	A2*	A3
Soluble Lead (Pb)	90	mg/kg	5	-	-	ND
Soluble Antimony (Sb)	60	mg/kg	5	-	-	ND
Soluble Arsenic (As)	25	mg/kg	2.5	-	-	ND
Soluble Barium (Ba)	1000	mg/kg	10	-	-	ND



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Test Item(s)	Limit	Units	MDL	A1*	A2*	A3
Soluble Cadmium (Cd)	75	mg/kg	5	-	-	ND
Soluble Chromium(Cr)	60	mg/kg	5	-	-	ND
Soluble Mercury (Hg)	60	mg/kg	5	-	-	ND
Soluble Selenium (Se)	500	mg/kg	10	-	-	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A4	A5	A6
Soluble Lead (Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium (Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A7	A8*	A9
Soluble Lead (Pb)	90	mg/kg	5	ND	-	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	-	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	-	ND
Soluble Barium (Ba)	1000	mg/kg	10	ND	-	ND
Soluble Cadmium (Cd)	75	mg/kg	5	ND	-	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	-	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	-	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	-	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A10	A11	A12*
Soluble Lead (Pb)	90	mg/kg	5	ND	ND	-
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	-
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND	-
Soluble Barium (Ba)	1000	mg/kg	10	ND	ND	-



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Test Item(s)	Limit	Units	MDL	A10	A11	A12*
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	-
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	-
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	-
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	-
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A13	A14	A15
Soluble Lead (Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium (Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	6	ND	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A16	A17	A18
Soluble Lead (Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium (Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Notes:

- (1) Results shown are of the adjusted analytical results.
- (2) Mass of trace amount of sample A3 is 13.6mg, sample A4 is 27.7mg, sample A5 is 39.1mg, sample A6 is 32.5mg, sample A7 is 100mg, sample A9 is 26.5mg, sample A10 is 50.2mg, sample A11 is 40.7mg, sample A13 is 100mg, sample A14 is 43.1mg, sample A15 is 22.7mg, sample A16 is 100mg, sample A18 is 55.2mg.
- (3) *As received, the test portion is less than 10 mg, therefore such components were not



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tested for migration of certain elements, as specified in the ASTM F963-17 Clause 8.3.3.6 (2)-selection of test portions.

American Society for Testing and Materials - ASTM F 963-17 - soluble Heavy Metal for Substrate Materials

Test Method: With reference to ASTM F 963-17 (Clause 8.3), analysis was performed by ICP-OES.

Test Item(s)	Limit	Units	MDL	A19	A20	A21
Soluble Lead (Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium (Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A22	A23	A24
Soluble Lead (Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium (Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Notes:

- (1) Results shown are of the adjusted analytical results.
- (2) Mass of trace amount of sample A19 is 36.2mg, sample A22 is 73.6mg.



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Remark:

The test results A1 are taken from report SHA22-0002770-0001.C003(A3)
The test results A7 are taken from report SHA22-0002770-0001.C001(A1)
The test results A12 are taken from report SHA22-0010785-0001.C011(A11)
The test results A13 are taken from report SHA22-0002770-0001.C004(A4)
The test results A16 are taken from report SHA22-0002770-0001.C002(A2)
The test results A24 are taken from report SHA22-0002770-0001.C011(A11)

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.

PHYSICAL AND MECHANICAL TESTS CONSISTING US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 AND US CPSC 16 CFR 1501

AS SPECIFIED IN PHYSICAL AND MECHANICAL TESTS CONSISTING US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 AND US CPSC 16 CFR 1501

	No. of sample tested	Sharp point (16 CFR 1500.48)	Sharp edge (16 CFR 1500.49)	Small part (16 CFR 1501)
As received	1	Pass	Pass	N/A
Impact test (16 CFR 1500.53b)	1	Pass	Pass	N/A
Bite test (16 CFR 1500.53c)	0	N/A	N/A	N/A
Flexure test (16 CFR 1500.53d)	0	N/A	N/A	N/A
Torque test (16 CFR 1500.53e)	1	Pass	Pass	N/A
Tension test (16 CFR 1500.53f)	1	Pass	Pass	N/A
Compression test (16 CFR 1500.53g)	1	Pass	Pass	N/A

N/A = Not Applicable

US CPSC 16 CFR 1500.19 – MISBRANDED TOYS AND OTHER ARTICLES INTENDED FOR USE BY CHILDREN

Not Applicable



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US CPSC 16 CFR 1500.44 – METHOD FOR DETERMINING EXTREMELY FLAMMABLE AND FLAMMABLE SOLIDS

AS SPECIFIED IN US CPSC 16 CFR 1500.44 – METHOD FOR DETERMINING EXTREMELY FLAMMABLE AND FLAMMABLE SOLIDS

Sample
GOURMET GRILL (WITH FOOD)

Burning Rate (inch/sec)
DNI

Requirement: A toy / component is considered a “flammable solid” if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.

DNI = Did Not Ignite

As specified in 15 U.S.C. § 2063(a)(5) and Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children’s products.

- Tracking label on the packaging: S2184200343 NBCN 04/2022

- Tracking label on the product: S2184200343 NBCN 04/2022

Note: The tracking label assessment was based on the submitted samples and the information provided by the applicant. There was no verification on the validity of such information.

Remark:

1. Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.
2. The declaration of conformity is based on acceptance limits chosen based on simple acceptance ($w = 0$, $AL = TL$).

Statements of conformity are reported as:

Passed - The measured values were observed in tolerance at the points tested.

Failed - One or more measured values were observed out of tolerance at the points tested.



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Sample Photo:



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