



中国认可  
国际互认  
检测  
TESTING  
CNAS L2929

**Test Report**

No.: T52010320951TY

Date: JAN 20, 2021

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HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD  
HAPE INTERNATIONAL (NINGBO) LTD  
9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY,  
BEILUN, NINGBO, CHINA PC:315800

The following samples were submitted and identified by/on behalf of the client as:

E3179 CESTINO PER PICNIC PER BIMBI AI PRIMI PASSI

Item No. : E3179  
Country of Origin : CHINA  
Country of Destination : GLOBAL  
Client Reference Information : E3179A  
Labeled Age Grading : 18M+  
Requested Age Grading : 18M+

\*\*\*\*\*

Age Group Assessed by SGS As Per Age Guideline : OVER 18 MONTHS  
Age Group Applied in Testing : OVER 18 MONTHS  
Sample Receiving Date : DEC 15, 2020  
Testing Period : DEC 15, 2020 TO JAN 20, 2021



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Test Requested		Conclusion
1.	For compliance with the test requirement of ASTM F963-17 Standard Consumer Safety Specification on Toy Safety.	--
	ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	PASS
2.	Title 16, Code of Federal Regulations, Chapter II - Consumer Products Safety Commission of U.S.A. - Part 1303 - Ban of Lead - Containing Paint and Certain Consumer Products Bearing Lead - Containing Paint – Lead Content	PASS
3.	Tracking label per Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children’s products.	PASS*
4.	CPSIA section 101 - Total Lead content	--
	CPSIA section 101(f) (1) – Lead in paint/similar surface coating material	PASS
	Client’s Requirement – Lead in paint/similar surface coating material	PASS
	CPSIA section 101(a) (2) – Lead in accessible substrate materials (Including Children’s Metal Jewelry)	PASS
	Client’s Requirement – Lead in accessible substrate materials (Including Children’s Metal Jewelry)	PASS

Remark: Test item(s) with “\*” is(are) not accredited by CNAS.

\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

Signed for and on behalf of  
 SGS-CSTC Standards Technical  
 Services Co., Ltd. Shenzhen Branch Testing Center




Liu Junjie, Tony  
 Section Manager  
 CNAS Approved Signatories

Qu Ping, Kiky  
 Dept. Manager  
 CNAS Approved Signatories



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**Results:**

**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</u> <u>(See Result Page)</u>
4.3	Toxicology	
4.3.2	Manufacturing and Packaging of Food	<u>N/A</u>
4.3.3	Indirect Food Additives	<u>N/A</u>
4.3.4	Cosmetics	<u>N/A</u>
4.3.5	Heavy Elements	
4.3.5.1	Heavy Elements in Paint/Similar Surface Coating Materials	<u>Pass</u> <u>(See Result Page)</u>
4.3.5.2	Heavy Metal in Substrate Materials	<u>Pass</u> <u>(See Result Page)</u>
4.3.6	Cosmetic, Liquids, Pastes, Putties, Gels, Powders and Item of Avian Feather Origin	<u>N/A</u>
4.3.7	Stuffing Materials (* The tests specified in this clause are not in the scope of CNAS accreditation.)	<u>Pass*</u>
4.3.8	DEHP (DOP)	<u>N/A</u>
4.4	Electrical/Thermal Energy	<u>N/A</u>
4.5	Sound-Producing Toys	<u>N/A</u>
4.6.1	Small Objects	<u>Pass</u>
4.6.2	Mouth-Actuated Toys	<u>N/A</u>
4.6.3	Labelling Requirements	<u>N/A</u>
4.7	Accessible Edges	<u>Pass</u>
4.8	Projections	<u>N/A</u>
4.9	Accessible Points	<u>Pass</u>
4.10	Wires or Rods	<u>N/A</u>
4.11	Nails and Fasteners	<u>N/A</u>
4.12	Plastic Film	<u>N/A</u>
4.13.1	Folding Mechanisms	<u>N/A</u>



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<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.13.2	Hinge-Line Clearance	<u>N/A</u>
4.14	Cords, Straps and Elastic	<u>N/A</u>
4.15	Stability and Over-Load Requirements	<u>N/A</u>
4.16	Confined Spaces	<u>N/A</u>
4.17	Wheels, Tires, and Axles	<u>N/A</u>
4.18	Holes, Clearance & Accessibility of Mechanisms	<u>N/A</u>
4.19	Simulated Protective Devices	<u>N/A</u>
4.20	Pacifiers	<u>N/A</u>
4.21	Projectile Toys	<u>N/A</u>
4.22	Teethers and Teething Toys	<u>N/A</u>
4.23	Rattles	<u>N/A</u>
4.24	Squeeze Toys	<u>N/A</u>
4.25	Battery-Operated Toys (Rechargeable battery/Non-rechargeable battery)	<u>N/A</u>
4.26	Toys Intended to be Attached to a Crib or Playpen	<u>N/A</u>
4.27	Stuffed and Beanbag-Type Toys	<u>Pass</u>
4.28	Stroller and Carriage Toys	<u>N/A</u>
4.29	Art Materials	<u>N/A</u>
4.30	Toy Gun Marking	<u>N/A</u>
4.31	Balloons	<u>N/A</u>
4.32	Certain Toys and Nearly Spherical Ends	<u>N/A</u>
4.33	Marbles	<u>N/A</u>
4.34	Balls	<u>N/A</u>
4.35	Pompoms	<u>N/A</u>
4.36	Hemispheric-Shaped Objects	<u>N/A</u>
4.37	Yo Yo Elastic Tether Toys	<u>N/A</u>
4.38	Magnets	<u>N/A</u>
4.39	Jaw Entrapment in Handles and Steering Wheels	<u>N/A</u>
4.40	Expanding Materials	<u>N/A</u>
4.41	Toy Chest	<u>N/A</u>
5	Safety Labeling Requirements	
5.2	Age Grading Labeling	<u>Pass</u>
5.3	Safety Labeling Requirements	<u>N/A</u>
5.4	Aquatic Toys	<u>N/A</u>
5.5	Crib & Playpen Toys	<u>N/A</u>
5.6	Mobile	<u>N/A</u>
5.7	Stroller and Carriage Toys	<u>N/A</u>





<u>Clause</u>	<u>Description</u>	<u>Result</u>
5.8	Toys Intended to be Assembled by an Adult	<u>N/A</u>
5.9	Simulated Protective Devices	<u>N/A</u>
5.10	Toys with Functional Sharp Edges and Sharp Points	<u>N/A</u>
5.11	Small Objects, Small Balls, Marbles, and Balloons	<u>N/A</u>
5.12	Toy Caps	<u>N/A</u>
5.13	Art Materials	<u>N/A</u>
5.14	Electric Toys	<u>N/A</u>
5.15	Battery-Operated Toys	<u>N/A</u>
5.16	Promotional Materials	<u>Pass</u>
5.17	Magnets	<u>N/A</u>
6	Instructional Literature	
6.2	Crib & Playpen Toys	<u>N/A</u>
6.3	Mobiles	<u>N/A</u>
6.4	Toys Intended to be Assembled by an Adult	<u>N/A</u>
6.5	Battery-Operated Toys	<u>N/A</u>
6.6	Battery Powered Ride-on Toys	<u>N/A</u>
6.7	Toys in Contact with Food	<u>N/A</u>
6.8	Toy Chests	<u>N/A</u>
7	Producer's Markings	
7.1	Producer's Markings	<u>Pass</u>
7.2	Battery-Powered Ride-on Toys	<u>N/A</u>
7.3	Toy Chests	<u>N/A</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>
8.10	Compression Test	<u>N/A</u>
8.12	Flexure Test	<u>N/A</u>
8.16	Tension Test for Pompoms	<u>N/A</u>

N/A = Not Applicable

\*\* Visual Examination



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Result Page:

Flammability Test (Clause 4.2)

Flammability Test on Solid

<u>Sample</u>	<u>Burning Rate (inch/sec)</u>
E3179 CESTINO PER PICNIC PER BIMBI AI PRIMI PASSI	0.04

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.

Flammability Test on Textile Materials

<u>Samples</u>	<u>Burning Time (second)</u>												<u>Results</u>
	<u>As received</u>					<u>After washing</u>							
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>Ave</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>Ave</u>	
1. Flesh fabric	DNI	DNI	DNI	DNI	DNI	---	DNI	DNI	DNI	DNI	DNI	---	Pass
	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	---	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	---	
	---	---	---	---	---	---	---	---	---	---	---	---	
2. Flesh fabric with threaded feature	DNI	DNI	DNI	DNI	DNI	---	DNI	DNI	DNI	DNI	DNI	---	Pass
	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	---	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	---	
	---	---	---	---	---	---	---	---	---	---	---	---	
3. Red & white fabric	DNI	DNI	DNI	DNI	DNI	---	DNI	DNI	DNI	DNI	DNI	---	Pass
	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	---	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	---	
	---	---	---	---	---	---	---	---	---	---	---	---	

DNI = Did Not Ignite

IBE = Ignite But Self-Extinguished



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Requirements:	<p><b>Plain Surface Fabrics</b></p> <p>(1) All specimens either did not ignite, ignited but self extinguished, or any combination thereof.</p> <p>(2) Average burn time is 3.5 s or greater.</p>	<p><b>Raised Surface Fabrics</b></p> <p>(1) All specimens either did not ignite, ignited but self extinguished, or any combination thereof.</p> <p>(2) Average burn time is 4 s or greater.</p> <p>(3) Average burn time is less than 4 s and all specimens burn with a surface flash where the intensity of the surface flame is insufficient to ignite, char, or melt the base fabric.</p> <p>(4) Only 1 of 5 specimens ignites and burns in less than 4s and the base fabric does not ignite or fuse, the sample is acceptable.</p> <p>(5) Only 1 of 5 specimens ignites or burns in more than 4s, regardless of whether the base fabric ignites or fuses, the sample is acceptable.</p>
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**ASTM F963-17, Clause 4.3.5.1 – Heavy Elements in Paint/Similar Surface Coating Materials**

Method: With reference to CPSC-CH-E1003-09.1

Method: With reference to ASTM F963-17 Clause 8.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

**Total Lead Content**

Test Item(s)	Lead (Pb)		
MDL (ppm)	10		
Total Limit (ppm)	90		
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. White w/ black coating on fabric (Sewn-in label) + Multi-color coating on fabric (Tomato)	3	1	ND



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Soluble Heavy Metal Content

Test Item(s)				Pb	Sb	As	Ba	Cd	Cr	Hg	Se
MDL (ppm)				5	5	2.5	10	5	5	5	10
Migration Limit (ppm)				90	60	25	1000	75	60	60	500
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Migration Result(s) (ppm)							
1	1	1	58.3	ND	ND	ND	ND	ND	ND	ND	ND
2	1	2	/	ND	ND	ND	ND	ND	ND	ND	ND

Specimen Description:

1. White w/ black coating on fabric (Sewn-in label)
2. Multi-color coating on fabric (Tomato)

- Note:
- ppm = parts per million
  - 1% = 10000 mg/kg = 10000 ppm = 10000 µg/g
  - MDL = Method Detection Limit
  - ND = Not Detected (lower than MDL)
  - Migration results of eight elements shown are of the adjusted analytical results
  - For Soluble Heavy Metal Content & Total Lead Content in composite: The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
  - The result(s) is (are) calculated using the minimum specimen weight for composite test.



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**ASTM F963-17, Clause 4.3.5.2 – Heavy Elements in Substrate Materials**

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3

Method: With reference to ASTM F963-17 Clause 8.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Total Lead Content

Test Item(s)			Lead (Pb)
MDL (ppm)			10
Total Limit (ppm)			100
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Bright yellow felt w/ yellow, dark yellow printing (Lemon) + Light green felt w/ dark green printing (Leaf)	2	1	ND
2. Red colored series tricot (Body)	2	2	ND
3. Yellow colored series tricot (Body)	2	3	ND
4. Blue colored series tricot (Body) w/ Green colored series tricot (Body) w/ Purple colored series tricot (Body) w/ Black colored series tricot (Body)	2	4	ND
5. White sponge (Inner) + Transparent dry glue (Inner)	2	5	ND



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Soluble Heavy Metal Content

Test Item(s)				Pb	Sb	As	Ba	Cd	Cr	Hg	Se
MDL (ppm)				5	5	2.5	10	5	5	5	10
Migration Limit (ppm) -- Other Than Modeling Clays				90	60	25	1000	75	60	60	500
Migration Limit (ppm) -- Modeling Clays				90	60	25	250	50	25	25	500
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Migration Result(s) (ppm)							
1	1	3	/	ND	ND	ND	ND	ND	ND	ND	ND
2	1	4	/	ND	ND	ND	ND	ND	ND	ND	ND
3	1	5	99.1	ND	ND	ND	ND	ND	ND	ND	ND
4	1	6	/	ND	ND	ND	ND	ND	ND	ND	ND
5	1	7	/	ND	ND	ND	ND	ND	ND	ND	ND
6	1	8	/	ND	ND	ND	ND	ND	ND	ND	ND
7	1	9	/	ND	ND	ND	ND	ND	ND	ND	ND
8	1	10	/	ND	ND	ND	ND	ND	ND	ND	ND
9	1	11	/	ND	17	ND	ND	ND	ND	ND	ND
10	1	12	/	ND	15	ND	ND	ND	ND	ND	ND
11	1	13	/	ND	ND	ND	ND	ND	ND	ND	ND
12	1	14	/	ND	ND	ND	ND	ND	ND	ND	ND
13	1	15	/	ND	ND	ND	ND	ND	ND	ND	ND
14	1	16	/	ND	ND	ND	ND	ND	ND	ND	ND
15	1	17	/	ND	ND	ND	ND	ND	ND	ND	ND
16	1	18	/	ND	18	ND	11	ND	ND	ND	ND
17	1	19	/	ND	24	ND	ND	ND	ND	ND	ND
18	1	20	/	ND	36	ND	ND	ND	ND	ND	ND
19	1	21	64.1	ND	15	ND	ND	ND	ND	ND	ND
20	1	22	19.2	ND	7	ND	ND	ND	ND	ND	ND
21	1	23	17.9	ND	ND	ND	ND	ND	ND	ND	ND
22	1	24	17.1	ND	ND	ND	ND	ND	ND	ND	ND
23	1	25	/	ND	ND	ND	ND	ND	ND	ND	ND
24	1	26	/	ND	ND	ND	ND	ND	ND	ND	ND
25	1	27	/	ND	ND	ND	ND	ND	ND	ND	ND
26	1	28	/	ND	15	ND	ND	ND	ND	ND	ND
27	1	29	/	ND	ND	ND	ND	ND	ND	ND	ND



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### Specimen Description:

1. Red felt (Tomato)
2. White fabric (Sewn-in label)
3. Orange-red w/ white woven (Sewn-in label)
4. Light pink felt w/ pink fabric thread (Basket)
5. Cream felt (Basket)
6. Red w/ white fabric (Accessory)
7. Light red fabric w/ light red fabric thread (Hemming)
8. Yellow felt (Cheese)
9. Bright yellow felt w/ yellow, dark yellow printing, yellow fabric thread (Lemon)
10. Light green felt w/ dark green printing (Leaf)
11. Apricot tricot (Bread)
12. Brown tricot (Bread)
13. Green tricot (Strawberry)
14. Blue tricot (Bottle)
15. Blue satin ribbon w/ blue fabric thread (Band)
16. White felt (Body)
17. Red colored series tricot w/ red, white fabric thread (Body)
18. Yellow colored series tricot (Body)
19. Blue colored series tricot (Body)
20. Green colored series tricot (Body)
21. Purple colored series tricot (Body)
22. Black colored series tricot (Body)
23. White sponge (Inner)
24. Transparent dry glue (Inner)
25. White polyfiber (Inner)
26. White non-woven w/ dark red, dark pink fabric thread (Inner)
27. Off-white non-woven w/ brown, apricot fabric thread (Inner)



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- Note:
- ppm = parts per million
  - 1% = 10000 mg/kg = 10000 ppm = 10000 µg/g
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit
  - Migration results of eight elements shown are of the adjusted analytical results
  - For Soluble Heavy Metal Content & Total Lead Content in composite: The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
  - The result(s) is (are) calculated using the minimum specimen weight for composite test.

**CPSC 16 CFR 1303 - Lead in Paint/Similar Surface Coating Materials**

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Test Item(s)	Lead (Pb)		
Permissible Limit (ppm)	90		
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. White w/ black coating on fabric (Sewn-in label) + Multi-color coating on fabric (Tomato)	6	1	ND

- Note:
- ppm = parts per million
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit = 10 ppm
  - 1% = 10000 mg/kg = 10000 ppm
  - For composite test: The result(s) is (are) calculated using the minimum specimen weight and the decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.



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**As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children’s products.**

- Tracking label found on the packaging:
  - 1) Name: Hape
  - 2) Location: Made in China P2022402260NBCN 12/2020
  - 3) Date: P2022402260NBCN 12/2020
  - 4) Cohort information: P2022402260NBCN 12/2020
- Tracking label found on the product:
  - 1) Name: Hape
  - 2) Location: NBCN1205 P2022402260
  - 3) Date: NBCN1205 P2022402260
  - 4) Cohort information: NBCN1205 P2022402260

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.

**CPSIA - Lead in Paint/Similar Surface Coating Materials**

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Test Item(s)	Lead (Pb)		
Permissible Limit (ppm)	90		
Client’s Limit (ppm)	40		
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. White w/ black coating on fabric (Sewn-in label) + Multi-color coating on fabric (Tomato)	5	1	ND

- Note:
- ppm = parts per million
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit = 10 ppm
  - 1% = 10000 mg/kg = 10000 ppm
  - For composite test: The result(s) is (are) calculated using the minimum specimen weight and the decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.



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**CPSIA - Lead in Accessible Substrate Materials**

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Test Item(s)	Lead (Pb)		
Permissible Limit <b>**</b> (ppm)	100		
Client's Limit (ppm)	40		
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Bright yellow felt w/ yellow, dark yellow printing (Lemon) + Light green felt w/ dark green printing (Leaf)	4	1	ND
2. Red colored series tricot (Body)	4	2	ND
3. Yellow colored series tricot (Body)	4	3	ND
4. Blue colored series tricot (Body) w/ Green colored series tricot (Body) w/ Purple colored series tricot (Body) w/ Black colored series tricot (Body)	4	4	ND
5. White sponge (Inner) + Transparent dry glue (Inner)	4	5	ND

\*\* Permissible Limit applies to a children's product manufactured after 14 August 2011 (Public Law 110-314 (Consumer Product Safety Improvement Act of 2008) and its Amendments Public Law 112-28)

- Note:
- ppm = parts per million
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit = 10 ppm
  - 1% = 10000 mg/kg = 10000 ppm
  - For composite test: The result(s) is (are) calculated using the minimum specimen weight and the decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.



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2. The statement of conformity has considered the decision rule based on the Guarded acceptance (8.3.2 of ISO/IEC GUIDE 98-4:2012). When the measured value falls within the guard band, only the test data and measurement uncertainty will be reported. The guard band is equal to the expanded measurement uncertainty with a 95% coverage probability( $k=2$ ),  $w = U_{95}$ . The Probability of False Accept and the Probability of False Reject of the decision rule are 2.5%.

For Upper Tolerance Limit ( $T_U$ ):

Pass - when the measurement result is below  $T_U - U_{95}$

Fail - when the measurement result is above  $T_U + U_{95}$

Inconclusive - when the measurement result is falling in guard band [ $T_U - U_{95}$ ,  $T_U + U_{95}$ ]

For Lower Tolerance Limit ( $T_L$ ):

Pass - when the measurement result is above  $T_L + U_{95}$

Fail - when the measurement result is below  $T_L - U_{95}$

Inconclusive - when the measurement result is falling in guard band [ $T_L - U_{95}$ ,  $T_L + U_{95}$ ]

**Sample Photo:**



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*



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