

TEST REPORT

Applicant : Dongguan Jianduoduo Jianduoduo Trading Co., Ltd.
Address : Room 301, Building 4, No. 27 Yuanying Road, Liaobu Town, Dongguan City,
Guangdong Province
Manufacturer's name : Dongguan Jianduoduo Jianduoduo Trading Co., Ltd.
Address : Room 301, Building 4, No. 27 Yuanying Road, Liaobu Town, Dongguan City,
Guangdong Province

Report on the submitted samples said to be:

Sample Name : AI Smart Doll
Trade Mark : Jadudu
Model : AJ - 1
ASIN : N/A
Labeled Age Grading: : 3+ years old
Requested Age Grading: : 3+ years old
Age Group Testing: : 3+ years old
Age Group AssessedAs : 3+ years old
per Age Guideline:
Testing Period : Sep. 10, 2026 ~ Sep. 18, 2026
Date of issue : Sep. 18, 2026
Results : Please refer to next page(s).

Prepared by(Engineer): Jack Su

Approved(Manager): Justin Liu



This test report is based on all sample evaluation of above mentioned products. It is not permitted to be duplicated in extracts without written approval of JIYA Laboratories, Inc.

Version

Version No.	Date	Description
00	Sep. 18, 2026	Original

Test request:
Conclusion

A For compliance with the European Standard on Safety of Toys

- | | |
|--|------|
| 1. EN 71-1:2026-Safety of toys Part 1: Mechanical and physical properties. | Pass |
| 2. Labeling requirements of "CE marking, manufacturer/importer name and address, and product identification" under "Directive 2009/48/EC Safety of Toy". | Pass |
| 3. EN 71-2:2020+A1:2025 Flammability | Pass |
| 4. EN 71-3:2019+A2:2024-Migration of Certain Elements | Pass |

Results:

A.1. EN 71-1:2026 Safety of toys Part 1: Mechanical and physical properties.

Section	Description	Result
4	General Requirements	
4.1	Material cleanliness	Pass
4.2	Assembly	Pass
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
4.9	Protruding parts	Pass
4.10	Parts moving against each other	Pass
4.10.1	Folding and sliding mechanisms	NA
4.10.2	Driving mechanisms	Pass
4.10.3	Hinges	NA
4.10.4	Springs	NA
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.14.1	Toys which a child can enter	NA
4.14.2	Toys that fully enclose the head	NA
4.15	Toys intended to bear the mass of a child	NA
4.15.1	Toy scooters.	NA
4.15.2	Toy balance bikes	NA
4.15.3	Toy bicycles	NA
4.15.4	Single-track ride-on toys with apparent stability	NA
4.15.5	Multi-track ride-on toys	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles toys	NA
4.17.1	General	NA
4.17.2	All projectiles	NA
4.17.3	Projectile toys with stored energy	NA
4.17.4	Certain projectile toys without stored energy	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	Pass
4.21	Toys containing a non-electrical heat source	NA
4.22	Small balls	NA

Section	Description	Result
4.23	Magnets	NA
4.23.1	General	NA
4.23.2	Toys other than magnetic/electrical experimental sets intended for children over 8 years	NA
4.23.3	Magnetic/electrical experimental sets intended for children over 8 years	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
4.26	Toy Disguise Costumes	NA
4.27	Flying toys	NA
4.27.1	General	NA
4.27.2	Rotors and propellers on flying toys	NA
4.27.3	Rotors and propellers on remote controlled flying toys	NA
4.28	Food imitating Toys	NA
5	Toys intended for children under 36 months	NA
5.1	General requirements	NA
5.1a	Toys and removable components of toys shall not, whatever their position, fit entirely in the cylinder when tested according to 8.2 (small parts cylinder)	NA
5.1b	The requirement in 5.1 b) does not apply to paperboard toys or to paperboard parts of toys.	NA
	When tested according to 8.3 (torque test), 8.4.2.1 (tension test, general), 8.5 (drop test), 8.7 (impact test) and 8.8 (compression test), toys shall not produce any parts which, whatever their position, fit entirely in the cylinder when tested according to 8.2 (small parts cylinder), or exhibit accessible hazardous sharp edges (see 8.11, sharpness of edges), or accessible hazardous sharp points (see 8.12, sharpness of points), and toys with springs shall continue to conform to the requirements in 4.10.4 (springs). Toys that contain magnets or magnetic components shall also fulfil the requirements given in 4.23.2 b) and c) with the addition that release of magnets or magnetic components with a magnetic flux index less than $50 \text{ kG}^2\text{mm}^2$ ($0,5 \text{ T}^2\text{mm}^2$) is not permitted if the released magnets fit entirely in the cylinder when tested according to 8.2 (small parts cylinder).	NA
5.1c	Metal points and wires with a cross section of 2 mm or less that do not necessarily present a sharp point according to 8.12 (sharpness of points) are considered to be potentially hazardous sharp points. They shall therefore be assessed to determine whether they present an unreasonable risk of injury taking into account the foreseeable use of the toy (see also A.9).	NA
5.1d	Large and bulky toys shall be tested according to 5.1b) above with the exclusion of 8.5 (drop test) and with the inclusion of a test according to 8.6 (tip over test).	NA
5.1f	The casing of toys intended for children too young to sit up unaided	NA
5.1g	Foam toys and toys containing accessible foam	NA

Section	Description	Result
5.1e	The requirement in 5.1e) does not apply to large and bulky toys and to toys and components of toys made of paperboard.	NA
	Glued wooden toys, glued wooden components of toys and toys with glued-on plastic decals shall be tested according to 8.9 (soaking test) before being tested according to 5.1b). Flakes of paint that have come loose from painted toys are exempt from being tested according to 8.2 (small parts cylinder). Thick surface coatings such as varnish are not exempt. NOTE The requirement for glued wooden components applies to wooden components glued to any other material.	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.4.1	General	NA
5.4.2	Cords and chains in toys intended for children under 18 months	NA
5.4.3	Cords and chains in toys intended for children of 18 months or over but under 36 months	NA
5.4.4	Fixed loops, tangled loops and nooses	NA
5.4.5	Cords and chains on pull along toys	NA
5.4.6	Electrical cable	NA
5.4.7	Cross-sectional dimension of certain cords	NA
5.4.8	Self-retracting cords	NA
5.4.9	Toys attached to or intended to be strung across a cradle, cot or perambulator	NA
5.5	Liquid-filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
5.15	Sledges with cords for pulling	NA
6	Packaging	NA
7	Warnings, markings and instructions for use	Pass
7.1	General	Pass
7.2	Toys not intended for children under 36 months	Pass
7.3	Latex Balloons	NA
7.4	Aquatic toys	NA

Section	Description	Result
7.5	Functional Toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectile toys	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Toys otherwise intended to be strung across a cradle, cot, or perambulator	NA
7.11	Liquid-filled teethingers	NA
7.12	Percussion caps specifically designed for use in toys	NA
7.13	Acoustics	NA
7.14	Toys intended to bear the mass of child	NA
7.15	Toys comprising monofilament fibres	NA
7.16	Magnetic/electrical experimental sets	NA
7.17	Toys with electrical cables exceeding 300 mm in length	NA
7.18	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA
7.19	Toys intended to be attached to a cradle, cot or perambulator	NA
7.20	Sledge with cords for pulling	NA
7.21	Flying toys	NA
7.21.1	Flying toys	NA
7.21.2	Remote controlled flying toys	NA
7.22	Improvised projectiles	NA
8	Test methods	Pass
8.1	General requirements for testing	Pass
8.2	Small parts cylinder	Pass
8.3	Torque test	NA
8.4	Tension test	NA
8.5	Drop test	Pass
8.6	Tip over test	NA
8.7	Impact test	Pass
8.8	Compression test	NA
8.9	Soaking test	NA
8.10	Accessibility of a part or component	Pass
8.11	Sharpness of edges	Pass
8.12	Sharpness of points	Pass
8.13	Flexibility of metallic wires	NA
8.14	Expanding materials	NA
8.15	Leakage of liquid-filled toys	NA

Section	Description	Result
8.16	Geometric shape of certain toys	NA
8.17	Durability of mouth-actuated toys	NA
8.18	Folding or sliding mechanisms	NA
8.19	Electric resistivity of cords	NA
8.20	Cords cross-sectional dimension	NA
8.21	Toys intended to bear the mass of a child	NA
8.22	Stability, heavy immobile toys	NA
8.23	Kinetic energy and Kinetic energy density of projectiles	NA
8.24	Plastic sheeting	NA
8.25	Determination of emission sound pressure levels	Pass
8.26	Measurement of temperature rises	NA
8.27	Toy chest lids	NA
8.28	Small balls and suction cups test	NA
8.29	Test for play figures	NA
8.30	Tension test for magnets	NA
8.31	Magnetic flux index	NA
8.32	Perimeter of cords and chains	NA
8.33	Yo-yo balls measurements	NA
8.34	Breakaway feature separation test	NA
8.35	Self-retracting cords	NA
8.36	Length of cords , chains and electrical cables	NA
8.37	Assessment of the tangle potential of two cords or chains	NA
8.38	Determination of projectile range	NA
8.39	Assessment of leading parts of projectiles and flying toys	NA
8.40	Length of suction cup projectiles	NA
8.41	Wall impact test for projectiles	NA
8.42	Escape force for toys that a child can enter	NA
8.43	Combinations of ventilation openings	NA

USE AND ABUSE TESTS

The samples were undergo the tests in accordance with section 8.3 through 8.13, whichever is applicable

Clause	Test parameters
8.3 Torque test	0.34N.m
8.4 Tension test	90N
8.5 Drop test	5*850mm

Remark:

NA = Not Applicable;

A.2. Summary table:

Toy Safety (England) Regulations 2011

	On product	On packaging
Washing/Cleaning instruction	N/A	N/A
CE mark	N/A	Pass
Manufacturer's name	N/A	Pass
Manufacturer's address	N/A	Pass
Importer's name	N/A	N/A
Importer's address	N/A	N/A
Product ID	N/A	Pass

Remark:

1. Washing/Cleaning label According to Directive 2009/48/EC Labeling Review the following safety requirements apply regarding cleaning and washing: A toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The toy must fulfill the safety requirements also after having been cleaned in accordance with this point and the manufacturer's instructions. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.
2. Toys made available on the market must bear the CE marking The CEmarking must be subject to the general principles set out in Article 30 of Regulation (EC)No 765/2008. The CEmarking must be affixed visibly, legibly and indelibly to the toy, to an affixed label or to the packaging. In the case of small toys and toys consisting of small parts, the CEmarking may alliteratively be affixed to a label or an accompanying leaflet. Where, in the case of toys sold in counter displays, that is not technically possible, and on condition that the counter display was originally used as packaging for the toy, the CE marking may be affixed to the counter display. Where the CE marking is not visible from outside the packaging, if any, it shall as a minimum be affixed to the packaging. Where specific legislation does not impose specific dimensions, the CE marking must be at least 5 mm high.
3. The manufacturer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy. This requirement applies also to the name and address etc. of any importer.
4. Manufacturers must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

A.3. EN 71-2:2020+A1:2025- Flammability of Toys

Clause	Description	Result
4	Requirements	Pass
4.1	General	Pass
4.2	Toys to be worn on the head	NA
4.2.1	General	NA
4.2.2	Beards, moustaches, wigs, etc, made from hair, pile or material with similar features (e.g. freehanging ribbons, paper or cloth strands), which protrude more than or equal to 50 mm from the surface of the toy	NA
4.2.3	Beards, moustaches, wigs etc. made from hair, pile or material with similar features (e.g. freehanging ribbons, paper or cloth strands etc.), which protrude less than 50 mm from the surface of the toy	NA
4.2.4	Full or partial moulded head masks	NA
4.2.5	Flowing elements of toys to be worn on the head (except those covered by 4.2.2 and 4.2.3), hoods, head-dresses etc. and fabric masks which partially or fully cover the head, but excluding those items covered by 4.3	NA
4.3	Toys disguise costumes and other toys intended to be worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft Filled Toys (animals and dolls, etc) with a piled or textile surface	Pass

A.4. EN 71-3:2019+A2:2024-Migration of Certain Elements

Tested Parts

Code	Description of Specimen	Code	Description of Specimen
1	Light purple plush (doll)	10	White embroidery (paw)
2	White plush (stuffed toy)	11	Purple plush (ears)
3	White plush fabric (mouth, ears)	12	Yellow plush (ear)
4	Black plastic (nose)	13	Transparent plastic (interface)
5	Light orange coating (hair)	14	Silver metal (interface)
6	Light-skinned plastic (face)	15	Silver metal (USB interface)
7	transparent plastic (eyes)	16	Black cable (charging cable)
8	Black embroidery (eyes, claws)	17	White cotton (filling)
9	Purple embroidery (eyes, microphone)	18	Paper (instruction manual)

Category III Scraped-off materials

Test method: With reference to EN 71-3:2019:A2:2024. Analysis was performed by inductively coupled plasma atomic emission spectrometer mass(ICP-MS)

Test Item(s)	Results (mg/kg)						MDL (mg/kg)	Permissible Limit(mg/kg)
	01	02	03	04	05	06		
Soluble Aluminum (Al)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	SEE REMARK
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	
Soluble Boron (B)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	
Soluble Chromium III (Cr(III))	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Chromium VI (Cr(VI))	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.001	
Soluble Cobalt (Co)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Copper (Cu)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	
Soluble Manganese (Mn)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Nickel (Ni)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Strontium (Sr)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	
Soluble Tin (Sn)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5	
Soluble Organic Tin	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	
Soluble Zinc (Zn)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	

Test Item(s)	Results (mg/kg)						MDL (mg/kg)	Permissible Limit(mg/kg)
	07	08	09	10	11	12		
Soluble Aluminum (Al)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	SEE REMARK
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	
Soluble Boron (B)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	
Soluble Chromium III (Cr(III))	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Chromium VI (Cr(VI))	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.001	
Soluble Cobalt (Co)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Copper (Cu)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	
Soluble Manganese (Mn)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Nickel (Ni)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Strontium (Sr)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	
Soluble Tin (Sn)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5	
Soluble Organic Tin	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	
Soluble Zinc (Zn)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	

Test Item(s)	Results (mg/kg)						MDL (mg/kg)	Permissible Limit(mg/kg)
	13	14	15	16	17	18		
Soluble Aluminum (Al)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	SEE REMARK
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	
Soluble Boron (B)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	
Soluble Chromium III (Cr(III))	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Chromium VI (Cr(VI))	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.001	
Soluble Cobalt (Co)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Copper (Cu)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	
Soluble Manganese (Mn)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Nickel (Ni)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Soluble Strontium (Sr)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	
Soluble Tin (Sn)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5	
Soluble Organic Tin	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	
Soluble Zinc (Zn)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	

Remark: Migration limit

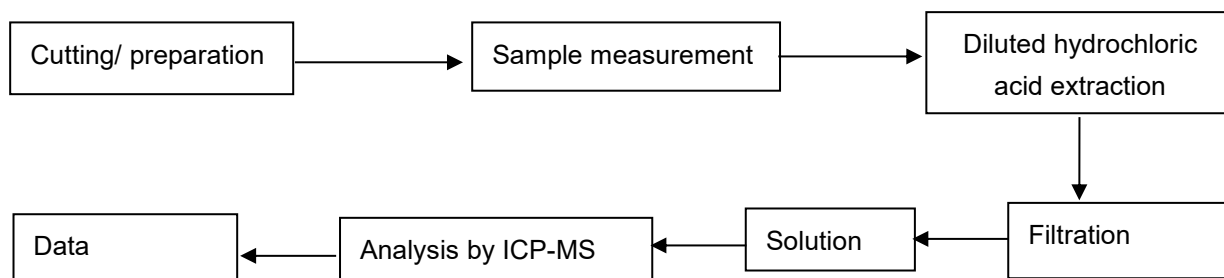
Element	Category I Dry, brittle, powder, like or pliable materials	Category II Liquid or sticky materials	Category III Scraped-off materials
Soluble Aluminum (Al)	2250	560	70000
Soluble Antimony (Sb)	45	11.3	560
Soluble Arsenic (As)	3.8	0.9	47
Soluble Barium (Ba)	1500	375	18750
Soluble Boron (B)	1200	300	15000
Soluble Cadmium (Cd)	1.3	0.3	17
Soluble Chromium III (Cr(III))	37.5	9.4	460
Soluble Chromium VI (Cr(VI))	0.02	0.005	0.053
Soluble Cobalt (Co)	10.5	2.6	130
Soluble Copper (Cu)	622.5	156	7700
Soluble Lead (Pb)	2.0	0.5	23
Soluble Manganese (Mn)	1200	300	15000
Soluble Mercury (Hg)	7.5	1.9	94
Soluble Nickel (Ni)	75	18.8	930
Soluble Selenium (Se)	37.5	9.4	460
Soluble Strontium (Sr)	4500	1125	56000
Soluble Tin (Sn)	15000	3750	180000
Soluble Organic Tin	0.9	0.2	12
Soluble Zinc (Zn)	3750	938	46000

Note:

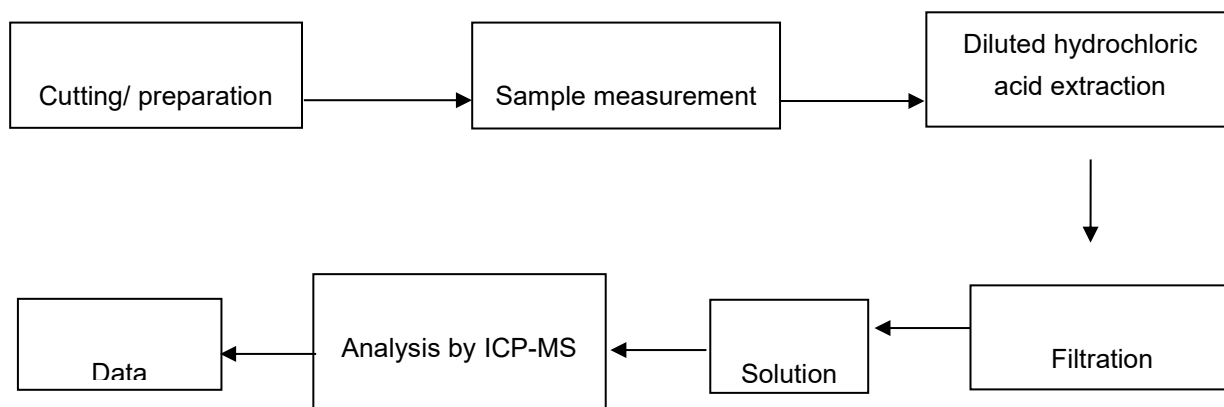
- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- --- = Not Regulated
- Photo appendix is included.

Appendix

(1) Test Flow Chart for Migration of 19 Heavy Metals- Lead, Cadmium, Chromium, Mercury, Antimony, Barium, Arsenic, Selenium, Aluminum, Boron, Cobalt, Copper, Manganese, Nickel, Strontium, Zinc and Tin.



(2) Test Flow Chart for Migration of Chromium(III) and Chromium(VI):



(3) Test Flow Chart for Migration of Organic Tin Compounds:

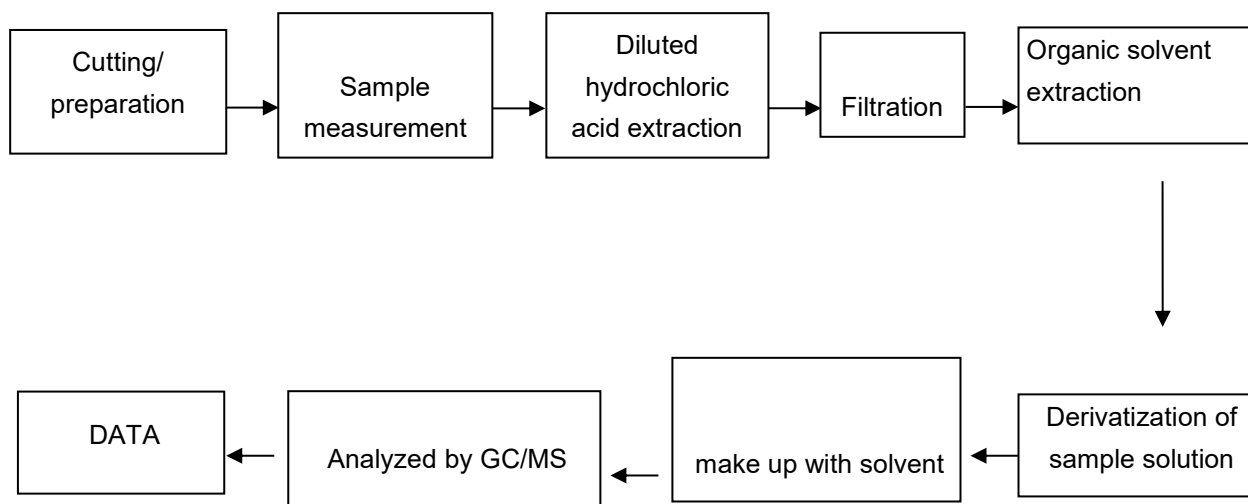


Photo of the sample



***** END OF REPORT *****

Statement:

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2. The result(s) shown in this report refer only to the sample(s) tested.
3. Without written approval of JIYA, this report can't be reproduced except in full.
4. The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which JIYA hasn't verified.
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