

Test Report

Testing institute : Product Technology Service (Ningbo) Co., Ltd.
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Applicant : NINGBO YUBO IMPORT AND EXPORT CO.,LTD.
NO.150, HUIJIANG ROAD YINZHOU DISTRICT NINGBO(1704-A CHENGNAN
BUSINESS BUILDING)

Product name : COSTUME WEAPON BLADE2AST

Model No. : G89467

Sample Description : /

Material : /

Sample receive date : Mar.08,2023

Completes date : Mar.15,2023

Test specification(s)	Conclusion
1. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety-- Mechanical and Physical Properties	Pass
2.Total Lead ----California Proposition 65	Pass
3.Lead content in accessible substrate materials	Pass
4.Total Cadmium ----California Proposition 65	Pass
5.Phtalates ----California Proposition 65	Pass
6.phtalates	Pass

Signed for and on behalf of
Product Technology Service (Ningbo) Co., Ltd.

Meng Wei

Authorizer: Meng Wei



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Product name

No.	Name	Part No.	Part Name
1	COSTUME WEAPON BLADE2AST	1-1	2# Blade with silver coating and red coating (overall sampling)
		1-2	2# Black plastic handle
		1-3	1#

Remark: According to client's requirement, samples were overall sampling.

1. ASTM F963-17: Mechanical and Physical Properties

Test specification	:	ASTM F963-17 Standard Consumer Safety Specification for Toy Safety
Test item	:	See below
Test part No.	:	1-3
Requirement	:	See below
Labeled age grading	:	3+ years
Applicant's specified age group for testing	:	3+ years
Age grading for test	:	Over 3 years

Test Results

Clause	Assessment
4. Safety Requirements	
4.1 Material Quality	<u>Pass</u>
4.7 Accessible Edges	<u>Pass</u>
4.9 Accessible Points	<u>Pass</u>
4.12 Plastic Film	<u>Pass</u>
5. Labeling Requirements	
5.1 Federal Government Requirements	<u>Pass</u>
5.2 Age Grading Labeling	<u>Pass</u>
6. Instructional Literature	
6.1 Definition and Description	<u>Pass</u>
7. Producer's Markings	
7.1 General	<u>Pass</u>

N.B. : Only applicable clauses were shown.

2.Test specification : Total Lead ----California Proposition 65

Test method : CPSC-CH-E1002-08.3

Requirement : California Proposition 65

Test Product No.	Testing element	Pb	Conclusion
	Detection Limit[mg/kg]	10.0	
	Customer's requirement	100	
1-1	--	ND	Pass
1-2	--	ND	Pass

ND = Not Detected (< Detection Limit)

Main test instruments used for this method:

Instrument	Manufactory	Model / Type
ICP-OES	PerkinElmer	Avio 550 Max

3.Test specification(s) : Lead content in accessible substrate materials

Test method : CPSC-CH-E1002-08.3 Total Lead (Pb) in Non-Metal Children's Products

Requirement : US Public Law 110-314(CPSIA: Consumer Product Safety Improvement Act of 2008) (H.R.4040+H.R.2715).

Part No.	Testing item	Pb	Conclusion
	Detection Limit[mg/kg]	10.0	
	Limit [mg/kg]	100	
1-1	--	ND	Pass
1-2	--	ND	Pass

ND = Not Detected (< Detection Limit)

Main test instruments used for this method:

Instrument	Manufactory	Model / Type
ICP-OES	PerkinElmer	Avio 550 Max

4.Test specification : Total Cadmium ----California Proposition 65

Test method : US EPA 3052:1996 and US EPA 6010D:2018

Requirement : California Proposition 65

Test Product No.	Testing element	Cd	Conclusion
	Detection Limit[mg/kg]	10.0	
	Customer's requirement	100	
1-1	--	ND	Pass
1-2	--	ND	Pass

ND = Not Detected (< Detection Limit)

Main test instruments used for this method:

Instrument	Manufactory	Model / Type
ICP-OES	PerkinElmer	Avio 550 Max

5.Test specification : Phthalates ----California Proposition 65

Test method : CPSC-CH-C1001-09.4
Standard Operating Procedure for Determination of Phthalates

Requirement : California Proposition 65

Test Product No.	CAS No.	Detection Limit	Customer's requirement	1-1	1-2
Dibutyl phthalate (DBP)	84-74-2	0.005%	0.1%	ND	ND
Butyl benzyl phthalate (BBP)	85-68-7	0.005%	0.1%	ND	ND
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	0.005%	0.1%	ND	ND
Di-iso-decyl phthalate (DIDP)	26761-40-0/ 68515-49-1	0.005%	0.1%	ND	ND
Di-n-hexyl phthalate(DnHP)	84-75-3	0.005%	0.1%	ND	ND
Di-iso-nonyl phthalate (DINP)	28553-12-0/ 68515-48-0	0.005%	0.1%	ND	ND
Conclusion				Pass	Pass

ND = Not Detected (< Detection Limit)

Main test instruments used for this method:

Instrument	Manufactory	Model / Type
GC-MS	Agilent Technologies	GC (7890)-MS (5975C)

6.Test specification(s) : 8 Phthalates

Test method : CPSC-CH-C1001-09.4
Standard Operating Procedure for Determination of Phthalates

Requirement : 16 CFR 1307 Prohibition of Children's Toys and Child Care Articles
Containing Specified Phthalates

<u>Test Product No.</u>	CAS No.	Detection Limit	Limit	<u>1-1</u>	<u>1-2</u>
Dibutyl phthalate (DBP)	84-74-2	0.005%	0.1%	ND	ND
Butyl benzyl phthalate (BBP)	85-68-7	0.005%	0.1%	ND	ND
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	0.005%	0.1%	ND	ND
Di-iso-nonyl phthalate (DINP)	28553-12-0/ 68515-48-0	0.005%	0.1%	ND	ND
Di-n-hexyl phthalate (DHEXP)	84-75-3	0.005%	0.1%	ND	ND
Dicyclohexyl phthalate(DCHP)	84-61-7	0.005%	0.1%	ND	ND
Di-n-pentyl phthalate(DPENP)	131-18-0	0.005%	0.1%	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	0.005%	0.1%	ND	ND
Conclusion				Pass	Pass

ND = Not Detected (< Detection Limit)

Main test instruments used for this method:

Instrument	Manufactory	Model / Type
GC-MS	Agilent Technologies	GC (7890)-MS (5975C)

Sample photo(s), see annex 1

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ANNEX 1

Sample photo(s), consists of 1 page



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COSTUME WEAPON BLADE2AST