

## Test Report

Testing institute : Product Technology Service (Ningbo) Co., Ltd.  
5,6,7F, 59#, Huayu Road, Yinzhou District, Ningbo, Zhejiang

Applicant : NINGBO YUBO IMPORT AND EXPORT CO.,LTD.  
NO.150, HUIJIANG ROAD YINZHOU DISTRICT NINGBO(1704-A CHENGNAN  
BUSINESS BUILDING)

Product name : KNIGHT PLAY COSTUME COPPER/SLV 6ASST.

Model No. : G16145T

Sample Description : /

Material : /

Sample receive date : Mar.22,2023  
Completes date : Mar.27,2023

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
6.8 phtalates	Pass

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



The test results exclusively refer to the samples examined. The test report is only used for scientific research, teaching or internal quality control. This report shall not be reproduced except in full without written approval and does not authorize the use of Product Technology Service (Ningbo) Co., Ltd. label. The report is invalid without signature and seal of Product Technology Service (Ningbo) Co., Ltd.

Product name

No.	Name	Part No.	Part Name
1	KNIGHT PLAY COSTUME COPPER/SLV 6ASST.	1-1	Plastic mask with gold coating+plastic mask with silver coating (mixed-tested)

Remark: According to client's requirement, samples were mixed-tested.

**1. ASTM F963-17: Mechanical and Physical Properties**

- Test specification : ASTM F963-17 Standard Consumer Safety Specification for Toy Safety
- Test item : See below
- Requirement : See below
- Labeled age grading : 4+ years
- Applicant's specified age group for testing : 3+ years
- Age grading for test : Over 3 years

**Test Results**

Clause	Assessment
<b>4. Safety Requirements</b>	
4.1 Material Quality	<u>Pass</u>
4.7 Accessible Edges	<u>Pass</u>
4.9 Accessible Points	<u>Pass</u>
4.16 Confined Spaces	<u>Pass</u>
4.19 Simulated Protective Devices	<u>Pass</u>
<b>5. Labeling Requirements</b>	
5.1 Federal Government Requirements	<u>Pass</u>
5.2 Age Grading Labeling	<u>Pass</u>
5.9 Simulated Protective Devices	<u>Pass</u>
<b>6. Instructional Literature</b>	
6.1 Definition and Description	<u>Pass</u>
<b>7. Producer's Markings</b>	
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

Product name: 1-1.Plastic mask with gold coating+plastic mask with silver coating (mixed-tested)					
Parameter:	Unit	Detection Limit	Result	Customer's requirement	Conclusion
Lead (Pb)	mg/kg	10.0	ND	100	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).

Product name:1-1.Plastic mask with gold coating+plastic mask with silver coating (mixed-tested)					
Parameter:	Unit	Detection Limit	Result	Limit	Conclusion
Lead (Pb)	mg/kg	10.0	ND	100	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

Product name: 1-1.Plastic mask with gold coating+plastic mask with silver coating (mixed-tested)					
Parameter:	Unit	Detection Limit	Result	Customer's requirement	Conclusion
Cadmium (Cd)	mg/kg	10.0	ND	100	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

Product name:1-1.Plastic mask with gold coating+plastic mask with silver coating (mixed-tested)					
Phthalates	CAS No.	Detection Limit	Result	Customer's requirement	Conclusion
Dibutyl phthalate (DBP)	84-74-2	0.005%	ND	0.1%	Pass
Butyl benzyl phthalate (BBP)	85-68-7	0.005%	ND	0.1%	Pass
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	0.005%	ND	0.1%	Pass
Di-iso-decyl phthalate (DIDP)	26761-40-0/ 68515-49-1	0.005%	ND	0.1%	Pass
Di-n-hexyl phthalate(DnHP)	84-75-3	0.005%	ND	0.1%	Pass
Di-iso-nonyl phthalate (DINP)	28553-12-0/ 68515-48-0	0.005%	ND	0.1%	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

Product name:1-1.Plastic mask with gold coating+plastic mask with silver coating (mixed-tested)				
Phthalates	CAS No.	Detection Limit	Limit	Result
Dibutyl phthalate (DBP)	84-74-2	0.005%	0.1%	ND
Butyl benzyl phthalate (BBP)	85-68-7	0.005%	0.1%	ND
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	0.005%	0.1%	ND
Di-iso-nonyl phthalate (DINP)	28553-12-0/ 68515-48-0	0.005%	0.1%	ND
Di-n-hexyl phthalate (DHEXP)	84-75-3	0.005%	0.1%	ND
Dicyclohexyl phthalate(DCHP)	84-61-7	0.005%	0.1%	ND
Di-n-pentyl phthalate(DPENP)	131-18-0	0.005%	0.1%	ND
Diisobutyl phthalate (DIBP)	84-69-5	0.005%	0.1%	ND
Conclusion				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

---End---

Product Technology Service

Report No.:TS2023032205

Page 6 of 6

### ANNEX 1

Sample photo(s), consists of 1 page



TS2023032205

KNIGHT PLAY COSTUME COPPER/SLV 6ASST.