

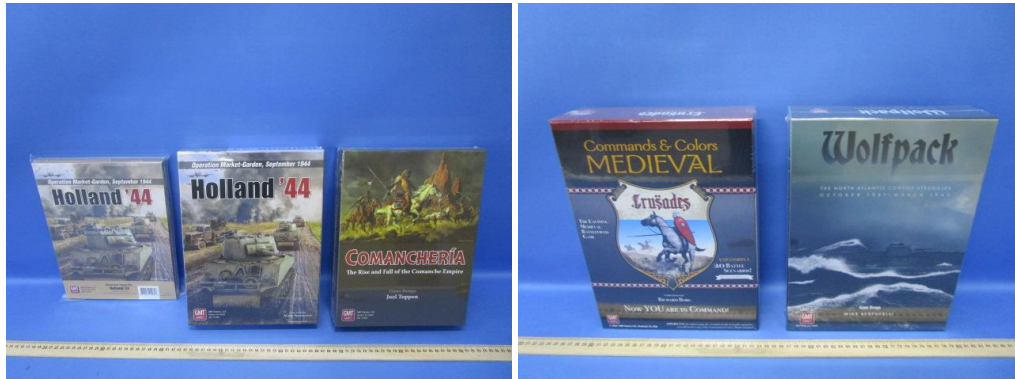
**Applicant** HH ASSOCIATES US  
203 N LA SALLE ST. CHICAGO, IL 60601

**Issue Date:** Sep 04, 2024

**Attn** Anis Jun

## SAMPLE DESCRIPTION AS DECLARED

Item Name	C&C Medieval: Crusades (Expansion #1) / Comancheria / Wolfpack / Holland '44 Games + Mounted Maps
Item No./SKU No.	--
P. O. No./Reference No.	1000-00360609-1
Quantity	24 PIECES
Applicant Specified Age Grade	OVER 14 YEARS
Vendor	--
Buyer	GMT games
Country/Region of Origin	China
Country/Region of Destination	US and EU
Date Sample Received	AUG 27, 2024
Testing Period	AUG 27, 2024~SEP 04, 2024



For and on behalf of

Intertek Testing Services Shenzhen Ltd.

Rachel L. Guo  
General Manager



CONCLUSION		
Tested Sample	Standard/Testing Item	Result
Tested component(s) of submitted samples	Cadmium Content Requirement in Annex XVII Entry 23 of the EU REACH Regulation (EC) No 1907/2006 and Amendment (EC) No 552/2009, (EU) No 494/2011, (EU) No 835/2012 and (EU) 2016/217	Pass
	Phthalates Content Requirement in Annex XVII Entry 51 & 52 of the REACH Regulation (EC) No 1907/2006 and Amendment (EC) No 552/2009 and (EU) 2018/2005	Pass
	Lead Requirement in Annex XVII Entry 63 of the EU REACH Regulation (EC) No 1907/2006 and Amendment (EC) No 552/2009, (EU) No 836/2012, (EU) 2015/628, (EU) 2023/923	Pass
	Heavy Metals Content Requirement in Directive 94/62/EC and amendments on packaging and packaging waste	Pass
	Model Toxics in Packaging Legislation on toxic elements test (Toxics in Packaging Clearinghouse TPCH)	Pass
Submitted samples	Illinois Lead Poisoning Prevention Act 410 ILCS 45 on total Lead content requirement / Illinois Lead Poisoning Prevention Act 410 ILCS 45 (Public Act 97-612) on warning statement requirement for specified products	Pass
	U.S. CFR Title 16 Part 1303 total Lead content	Pass
	U.S. CFR Title 16 (CPSC Regulations) Part 1500.3(c)(6)(vi) flammability test on rigid and pliable solids	Pass

**Cadmium (Cd) Content (EU REACH Annex XVII Entry 23)**

With reference to IEC 62321-5:2013, acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

**Surface coating**

Test Item	Result					Units	D.L.	Limit
	1+2	3+4	5+6	7+8+9	10+11			
Cadmium (Cd)	ND	ND	ND	ND	ND	%	0.0005	0.1

Test Item	Result					Units	D.L.	Limit
	12+13	-	-	-	-			
Cadmium (Cd)	ND	-	-	-	-	%	0.0005	0.1

**Plastic**

Test Item	Result					Units	D.L.	Limit
	14+15+16	17+18+19	20+21	22+23	35			
Cadmium (Cd)	ND	ND	ND	ND	ND	%	0.0005	0.01

**Remarks:**

D.L. = Detection Limit

The limit was quoted according to EU Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and Amendment (EC) No 552/2009, (EU) No 494/2011, (EU) No 835/2012 and (EU) 2016/217, Annex XVII Entry 23 on Cadmium Content.

ND = Not detected

Tested Components: See component list in the last section of this report.

**Phthalates Content (EU REACH Annex XVII Entry 51 & 52)**

With reference to ISO 8124-6:2018, and phthalates content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS).

**For 4 phthalates**

Test Item	CAS No.	Result					Units	D.L.	Limit
		1+2	3+4	5+6	7+8+9	10+11			
Di-butyl phthalate (DBP) Wavg	-	ND	ND	ND	ND	ND	%	0.005	-
Di-butyl phthalate (DBP) Wmax	84-74-2	ND	ND	ND	ND	ND	%	0.005	-
Di(2-ethyl hexyl) phthalate (DEHP) Wavg	-	ND	ND	ND	ND	ND	%	0.005	-
Di(2-ethyl hexyl) phthalate (DEHP) Wmax	117-81-7	ND	ND	ND	ND	ND	%	0.005	-
Benzyl butyl phthalate (BBP) Wavg	-	ND	ND	ND	ND	ND	%	0.005	-



Test Item	CAS No.	Result					Units	D.L.	Limit
		1+2	3+4	5+6	7+8+9	10+11			
Benzyl butyl phthalate (BBP) Wmax	85-68-7	ND	ND	ND	ND	ND	%	0.005	-
Di-isobutyl phthalate (DIBP) Wavg	-	ND	ND	ND	ND	ND	%	0.005	-
Di-isobutyl phthalate (DIBP) Wmax	84-69-5	ND	ND	ND	ND	ND	%	0.005	-
Sum of DBP, DEHP, BBP and DIBP Wavg	-	ND	ND	ND	ND	ND	%	0.005	0.1
Sum of DBP, DEHP, BBP and DIBP Wmax	-	ND	ND	ND	ND	ND	%	0.005	0.1

Test Item	CAS No.	Result					Units	D.L.	Limit
		12+13	14+15+16	17+18+19	20+21	22+23			
Di-butyl phthalate (DBP) Wavg	-	ND	ND	ND	ND	ND	%	0.005	-
Di-butyl phthalate (DBP) Wmax	84-74-2	ND	ND	ND	ND	ND	%	0.005	-
Di(2-ethyl hexyl) phthalate (DEHP) Wavg	-	0.0066	ND	ND	ND	ND	%	0.005	-
Di(2-ethyl hexyl) phthalate (DEHP) Wmax	117-81-7	0.0132	ND	ND	ND	ND	%	0.005	-
Benzyl butyl phthalate (BBP) Wavg	-	ND	ND	ND	ND	ND	%	0.005	-
Benzyl butyl phthalate (BBP) Wmax	85-68-7	ND	ND	ND	ND	ND	%	0.005	-
Di-isobutyl phthalate (DIBP) Wavg	-	ND	ND	ND	ND	ND	%	0.005	-
Di-isobutyl phthalate (DIBP) Wmax	84-69-5	ND	ND	ND	ND	ND	%	0.005	-
Sum of DBP, DEHP, BBP and DIBP Wavg	-	0.0066	ND	ND	ND	ND	%	0.005	0.1
Sum of DBP, DEHP, BBP and DIBP Wmax	-	0.0132	ND	ND	ND	ND	%	0.005	0.1

Test Item	CAS No.	Result					Units	D.L.	Limit
		24+25+26	35	-	-	-			
Di-butyl phthalate (DBP) Wavg	-	ND	ND	-	-	-	%	0.005	-
Di-butyl phthalate (DBP) Wmax	84-74-2	ND	ND	-	-	-	%	0.005	-



Test Item	CAS No.	Result					Units	D.L.	Limit
		24+25+26	35	-	-	-			
Di(2-ethyl hexyl) phthalate (DEHP) Wavg	-	ND	0.0057	-	-	-	%	0.005	-
Di(2-ethyl hexyl) phthalate (DEHP) Wmax	117-81-7	ND	0.0057	-	-	-	%	0.005	-
Benzyl butyl phthalate (BBP) Wavg	-	ND	ND	-	-	-	%	0.005	-
Benzyl butyl phthalate (BBP) Wmax	85-68-7	ND	ND	-	-	-	%	0.005	-
Di-isobutyl phthalate (DIBP) Wavg	-	ND	ND	-	-	-	%	0.005	-
Di-isobutyl phthalate (DIBP) Wmax	84-69-5	ND	ND	-	-	-	%	0.005	-
Sum of DBP, DEHP, BBP and DIBP Wavg	-	ND	0.0057	-	-	-	%	0.005	0.1
Sum of DBP, DEHP, BBP and DIBP Wmax	-	ND	0.0057	-	-	-	%	0.005	0.1

**Remarks:**

D.L. = Detection Limit

The limit was quoted according to EU Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and Amendment (EC) No 552/2009 and (EU) 2018/2005, Annex XVII Entry 51 & 52 on Phthalates content.

ND = Not detected

W<sub>avg</sub> = Average content of phthalate in composite samples

W<sub>max</sub> = Maximum content of phthalate in individual sample

Tested Components: See component list in the last section of this report.

The result of tested component(s) (3+4),(5+6) is based on dry weight of testing sample.

**Lead (Pb) Content (EU REACH Annex XVII Entry 63)**

With reference to IEC 62321-5:2013, acid digestion was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

**For articles which may be placed in the mouth by children during normal or reasonably foreseeable conditions of use:**

Test Item	Result					Units	D.L.	Limit
	1+2	3+4	5+6	7+8+9	10+11			
Lead (Pb)	ND	ND	ND	ND	ND	%	0.001	0.05



Test Item	Result					Units	D.L.	Limit
	12+13	14+15+16	17+18+19	20+21	22+23			

Lead (Pb) ND ND ND ND ND % 0.001 0.05

Test Item	Result					Units	D.L.	Limit
	24+25+26	27+28+29	30+31	32+33	34			

Lead (Pb) ND ND ND ND ND % 0.001 0.05

Remarks:

D.L. = Detection Limit

ND = Not detected

The limit was quoted according to EU Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and Amendment (EC) No 552/2009, (EU) No 836/2012, (EU) 2015/628, (EU) 2023/923, Annex XVII Entry 63 on Lead content in jewellery articles, articles which may be placed in the mouth by children during normal or reasonably foreseeable conditions of use, and PVC materials and articles. Tested Components: See component list in the last section of this report.

### Toxic Elements Analysis

Alkaline digestion method was used and Hexavalent Chromium was determined by UV-Visible Spectrophotometry; Acid digestion method was used and Lead, Cadmium and Mercury were determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result					Units	D.L.	Limit
	36+37+38	39+40+41	-	-	-			
Lead (Pb)	ND	ND	-	-	-	mg/kg	5	-
Cadmium (Cd)	ND	ND	-	-	-	mg/kg	5	-
Mercury (Hg)	ND	ND	-	-	-	mg/kg	5	-
Chromium VI (Cr (VI))	ND	ND	-	-	-	mg/kg	5	-
Sum of Pb, Cd, Hg and Cr (VI)	ND	ND	-	-	-	mg/kg	5	100

Remarks:

D.L. = Detection Limit

The limit was quoted according to EU Directive 94/62/EC and amendments on packaging and packaging waste, Article 11(1) on Heavy Metals Content.

ND = Not detected

Only detected element(s) are included in calculation of the sum.

Tested Components: See component list in the last section of this report.

### Toxic Elements Analysis (U.S. Toxics in Packaging Clearinghouse TPCH)

With reference to Model Toxics in Packaging Legislation requirement of packaging and packaging components, acid digestion method was used and toxic elements contents were determined by Inductively Coupled Argon Plasma

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Spectrometry, and Hexavalent Chromium content was determined by UV-Visible Spectrophotometry.

Test Item	Result					Units	D.L.	Limit
	36+37+38	39+40+41	-	-	-			
Lead (Pb)	ND	ND	-	-	-	mg/kg	5	-
Cadmium (Cd)	ND	ND	-	-	-	mg/kg	5	-
Mercury (Hg)	ND	ND	-	-	-	mg/kg	5	-
Chromium VI (Cr (VI))	ND	ND	-	-	-	mg/kg	5	-
Sum of Pb, Cd, Hg and Cr (VI)	ND	ND	-	-	-	mg/kg	5	100

Remarks:

D.L. = Detection Limit

ND = Not detected

Only detected element(s) are included in calculation of the sum.

Tested Components: See component list in the last section of this report.

#### Total Lead (Pb) Content (U.S. Illinois Lead Poisoning Prevention Act 410 ILCS 45)

As per Illinois Lead Poisoning Prevention Act 410 ILCS 45, with reference to CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001.08.3 and/or CPSC-CH-E1003-09.1 and followed by Inductively Coupled Argon Plasma Spectrometry and/or Atomic Absorption Spectrometry.

#### Other non-children product/without warning statement

Test Item	Result					Units	D.L.	Limits	
	1+2	3+4	5+6	7+8+9	10+11			Warning Statement Limit	Limit
Lead (Pb)	ND	ND	ND	ND	ND	mg/kg	10	--	600

Test Item	Result					Units	D.L.	Limits	
	12+13	14+15+16	17+18+19	20+21	22+23			Warning Statement Limit	Limit
Lead (Pb)	ND	ND	ND	ND	ND	mg/kg	10	--	600

Test Item	Result					Units	D.L.	Limits	
	34	-	-	-	-			Warning Statement Limit	Limit
Lead (Pb)	ND	-	-	-	-	mg/kg	10	--	600

Remarks:

D.L. = Detection Limit

ND = Not detected

Tested Components: See component list in the last section of this report.

#### Total Lead (Pb) Content (U.S. 16 CFR Part 1303)

As per Standard Operating Procedure for Determining Lead (Pb) in paint and other similar surface coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Plasma -



Optical Emission Spectrometry.

Test Item	Result					Units	D.L.	Limit
	1+2	3+4	5+6	7+8+9	10+11			
Lead (Pb)	ND	ND	ND	ND	ND	%	0.001	0.009

Test Item	Result					Units	D.L.	Limit
	12+13	-	-	-	-			
Lead (Pb)	ND	-	-	-	-	%	0.001	0.009

Remarks:

D.L. = Detection Limit

ND = Not detected

The above limit was quoted according to U.S. CFR Title 16 Part 1303 for Ban of Lead-containing Paint and Certain Consumer Products Bearing Lead-containing Paint.

Tested Components: See component list in the last section of this report.

### Flammability Test on Rigid and Pliable Solids (16 CFR 1500.44)

Test method: U.S. Code of Federal Regulations Title 16 Part 1500.44 for rigid and pliable solids

Result : Ignited but self-extinguished.

### COMPONENT LIST

No.	Test Component Description(s)
(1)	Black coating on plastic (pattern of dice).
(2)	White coating on plastic (pattern of dice).
(3)	White wet paint (pattern of dice of Medieval style).
(4)	Blue wet paint (pattern of dice of Medieval style).
(5)	Green wet paint (pattern of dice of Medieval style).
(6)	Red wet paint (pattern of dice of Medieval style).
(7)	White coating on wood (blocks).
(8)	Yellow coating on wood (blocks).
(9)	Purple coating on wood (blocks).
(10)	Red coating on wood (blocks).
(11)	Coatings on paper (pattern of reference card, score card, sticker, markers, map of Holland' 44 style).
(12)	Coatings (black, grey) on paper (insert of box).
(13)	Black coating on paper label (back of map of Holland' 44 style).
(14)	Black plastic (dice).
(15)	Blue plastic (dice).
(16)	White plastic (dice).





(17)	Red plastic (dice).
(18)	Yellow plastic (dice).
(19)	Transparent plastic (polybag).
(20)	Transparent glue (fastener of Wolfpack campaign book).
(21)	White paper label with transparent plastic film and inaccessible coatings (cover of box).
(22)	White paper label with transparent plastic film and inaccessible coatings (map of Comancheria style, Wolfpack style).
(23)	White paper label with transparent plastic film and inaccessible black coating (back of map of Comancheria style).
(24)	White paper label excluding coatings (sticker).
(25)	White paper with printings (instruction book, Wolfpack campaign book).
(26)	White paper label excluding coatings (map of Holland' 44 style).
(27)	Grey paperboard (box, map).
(28)	Dark grey paper excluding coating (insert of box).
(29)	White papercard excluding coatings (reference card, score card, deck).
(30)	White paper excluding coatings (map).
(31)	White/grey paperboard excluding coatings (markers).
(32)	Brown wood excluding coatings (blocks).
(33)	Light brown wood excluding coatings (blocks).
(34)	Silver color metal (staple of instruction book).
(35)	Transparent plastic adhesive tape (fastener of box).
(36)	Transparent plastic (protective film).
(37)	White paper label with coatings (edge of sticker).
(38)	White laminated paper (release liner).
(39)	White/grey paperboard with coatings (edge of card symbols).
(40)	Transparent plastic (ziplock bag).
(41)	White paper with printings (bar code sheet).

End of Report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band  $w = U$ ) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results. Full details of our agreed decision rules and the associated risk can be viewed: <https://www.intertek.com.cn/diypage/upload/SZ-AP15-HLS-QA.pdf>.

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