

TEST REPORT

Test Report # 23H-001262(A2) Date of Report Issue: May 5, 2023
Date of Sample Received: February 24, 2023 Pages: Page 1 of 12

CLIENT INFORMATION:

Company: Polyconcept GBS
Recipient: Kathy Lu
Recipient Email: Kathy.Lu@Polyconceptgbs.com



SAMPLE INFORMATION:

Description:	Bolt 20-Piece First Aid Kit	Purchase Order Number:	M000031823
Article No.:	SM-1520RYL	Toy Co./Agency:	-
Factory No.:	13807	Country of Origin:	China
Vendor No.:	10376	Labeled Age Grade:	-
Country of Distribution:	Canada, United States	Requested Age Grade:	-
Quantity Submitted:	3 pcs + 1 lot (Parts, Paint)	Tested Age Grade:	over 13 years of age
Testing Period:	03/01/2023 – 04/28/2023		

OVERALL RESULT:

 **PASS**

Refer to page 2 for test result summary and appropriate notes.

QIMA Testing (HK) Limited



Loska Yeung Lok Ka
Assistant Manager, Chemical Laboratory

QIMA Testing (HK) Limited



Pearl Tse Pui Pui
Laboratory Operations Manager

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TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	California Proposition 65, Total Lead in Paints and Surface Coatings
PASS	California Proposition 65, Total Lead in Substrate Materials
PASS	Client's Requirement, 10 Phthalates
PASS	USP <61>/<62> Microbiological Examination of Nonsterile Products ^{#f}
PASS	USP <51> Microbiological Tests ^{#f}
PASS	Marking of Imported Goods Order, (C.R.C., c.535), Country of Origin [#]
PASS	19 CFR 134.11, Country of Origin [#]

Appendix I and II attached.

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DETAILED RESULTS:

California Proposition 65, Total Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E-1003-09.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)					
Total Lead (Pb)	ND	ND	---	---	---	90
Conclusion	PASS	PASS	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

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DETAILED RESULTS:

California Proposition 65, Total Lead in Substrate Materials

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	3	4+5	6	7	8	Total Limit (ppm)
Test Item	Result (ppm)					
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	9	10+11	12	13	14+15	Total Limit (ppm)
Test Item	Result (ppm)					
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

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DETAILED RESULTS:

California Proposition 65, Total Lead in Substrate Materials

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	16	17	18	19	20	Total Limit (ppm)
Test Item	Result (ppm)					
Total Lead (Pb)	ND	21	20	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	21	22	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)					
Total Lead (Pb)	ND	ND	---	---	---	100
Conclusion	PASS	PASS	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

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DETAILED RESULTS:

Client's Requirement, 10 Phthalates

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1	2	3	4+5	Limit (% w/w)
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.1
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	0.1
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	0.1
Conclusion		PASS	PASS	PASS	PASS	

Note:

% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)

Composite results are based on specimen of least mass resulting in highest potential concentration.

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DETAILED RESULTS:

Client's Requirement, 10 Phthalates

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		6	7	8	9	Limit (% w/w)
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.1
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	0.1
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	0.1
Conclusion		PASS	PASS	PASS	PASS	

Note:

% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)

Composite results are based on specimen of least mass resulting in highest potential concentration.

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DETAILED RESULTS:

Client's Requirement, 10 Phthalates

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		10+11	12	---	---	Limit (% w/w)
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	---	---	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	---	---	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	---	---	0.1
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	---	---	0.1
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	---	---	0.1
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	---	---	0.1
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	---	---	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	---	---	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	---	---	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	---	---	0.1
Conclusion		PASS	PASS	---	---	

Note:

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LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)

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DETAILED RESULTS:**19 CFR 134.11, Country of Origin#**

Test	Observation	Conclusion
Country of Origin	Present on packaging and can be read easily by consumer at the point of sale	PASS

Marking of Imported Goods Order, (C.R.C., c.535), Country of Origin#

Section	Requirement	Conclusion
2	Country of Origin Markings	PASS

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	White coating	On zipper strap
2	Black coating	On zipper head/ zipper puller
3	Black printed white plastic	Sewn in label
4	Black plastic	Zipper teeth
5	Blue plastic	Handle of scissor
6	Clear plastic with white pp non-woven with white fiber with adhesive	Adhesive bandage
7	Blue textile with blue PVC backing	Main shell of bag/ zipper strap
8	Transparent PVC	Ring of adhesive tape
9	White paper with adhesive	Adhesive tape
10	White pp non-woven	Gauze swab
11	Dull white pp non-woven	Triangular bandage
12	Matt white pp non-woven with transparent lacquer	Alcohol pad
13	Black textile with black thread	Strap/ sewing
14	Dull black textile with blue thread	Zipper tape/ sewing
15	White textile	PBT bandage
16	Black plated silvery metal	Cap of rivet of zipper strap
17	Dull silvery metal	Zipper head
18	Matt silvery metal	Zipper puller
19	Bright silvery metal	Pin
20	Shiny silvery metal	Pin head
21	Shine silvery metal	Blade of scissor
22	Sharp silvery metal	Rivet of scissor
23	Transparent liquid	Alcohol pad

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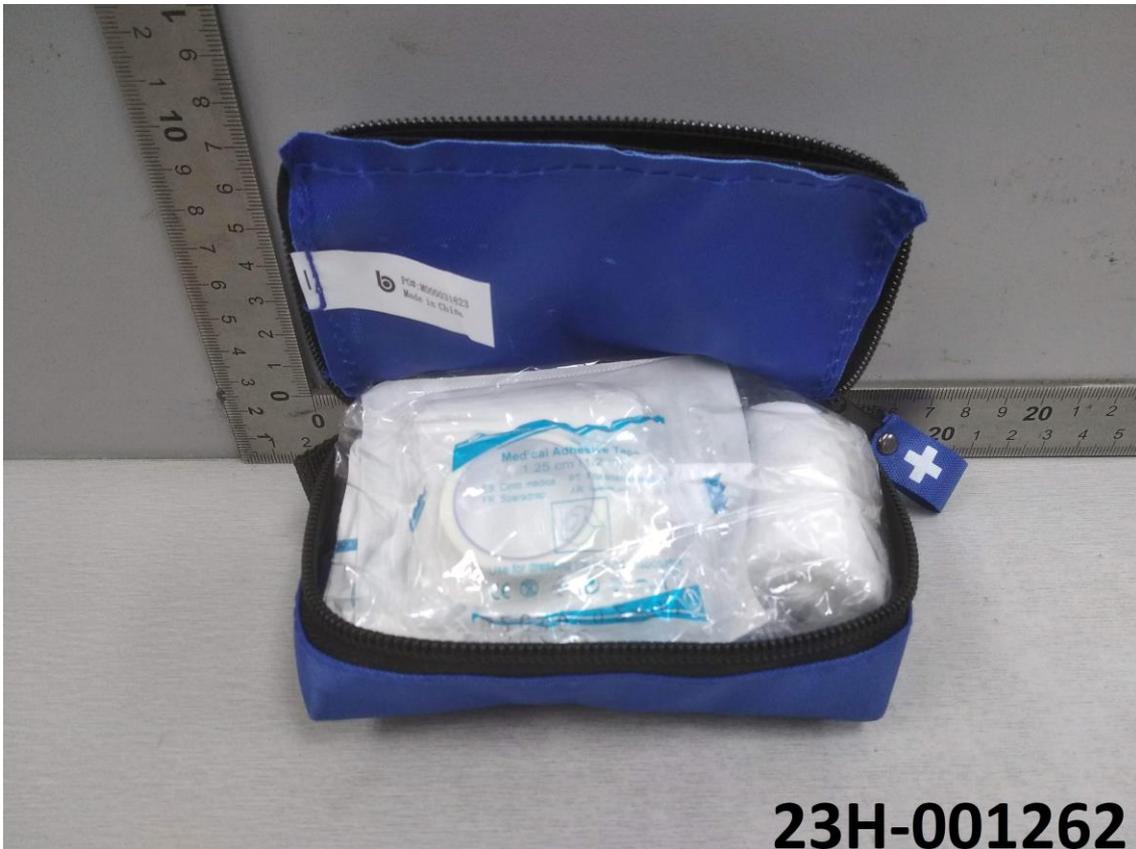
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SAMPLE PHOTO:



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Appendix I

USP <61>/<62> Microbiological Examination of Nonsterile Products
results from UNITEC LABORATORY SERVICES (DONGGUAN) LTD. Test Report No. RA0032995(6).

Appendix II

USP <51> Microbiological Tests
results from UNITEC LABORATORY SERVICES (DONGGUAN) LTD. Test Report No. RA0032995(6).

-End Report-

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Test Report

ID: RA0032995(6)

Date: 2023-4-18

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Application ID : JA0027890(4)
 Applicant : QIMA Testing (HK) Limited
 3/F, Liven House, No.61 - 63 King Yip Street, Kwun Tong, Kowloon

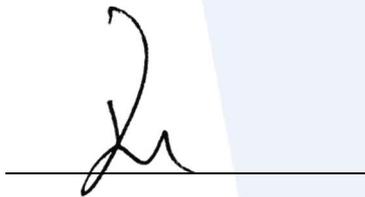
Sample : One (1) group of submitted sample(s) stated to be:
 Sample Description : (Report NO.: 23H-001262) Bolt 20-Piece First Aid Kit

Date of Receiving : 2023-3-14
 Testing Period : 2023-3-14 to 2023-4-18

TEST REQUEST		RESULT
A)	AS REQUESTED BY THE APPLICANT, TO PERFORM MICROBIOLOGICAL EXAMINATION TEST(S) OF SUBMITTED SAMPLE(S) IN ACCORDANCE WITH USP 39, <61> AND USP 39, <62>.	PASS
B)	AS REQUESTED BY THE APPLICANT, TO PERFORM ANTIMICROBIAL EFFECTIVENESS TEST(S) OF SUBMITTED SAMPLE(S) IN ACCORDANCE WITH USP 39, <51>.	PASS

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

SIGN FOR AND ON BEHALF OF
 UNITEC LABORATORY SERVICES (DONGGUAN) LTD.



XINLEI DU
 LABORATORY MANAGER



Test Report

ID: RA0032995(6)

Date: 2023-4-18

Page 2 of 4

Test Result(s):
A) USP 39, <61> and USP 39, <62> - Microbiological Examination of Nonsterile Products Test

With reference to United States Pharmacopoeia, USP 39, Chapter 61 & 62.

USP 39,<61> Microbial Enumeration Tests	Result	Permissible Limit
	No.1	
1. Total Aerobic Microbial count	<10 CFU/ml	<1000 CFU/ml
2. Total Combined Molds and Yeasts count	<10 CFU/ml	
USP 39,<62> Tests for Specified Microorganisms	Result	Permissible Limit
	No.1	
1. Bile-Tolerant Gram negative bacteria	Absent	---
2. Coagulase positive Staphylococcus sp.	Absent	Absent
3. Salmonella sp.	Absent	Absent
4. Escherichia coli	Absent	Absent
5. Pseudomonas sp.	Absent	Absent
6. Clostridia	Absent	---
7. Candida albicans	Absent	---
Comment	Pass	---

Test Part Description:

No.1 Transparent liquid

- Note:
1. CFU/ml = Colony Forming Unit per milliliter
 2. The Permissible Limit for the Microbiological Examination Test(s) is with reference to the Microbial Limits specified in ASTM F963-17 Sec. 4.3.6.3 & 8.4.1 for Category - all other products.

B) USP 39, <51> Antimicrobial Effectiveness Test

With reference to United States Pharmacopoeia, USP 39, Chapter 51.

Test Organism(s):

1. *A. brasiliensis*: *Aspergillus brasiliensis* (ATCC No. 16404)
2. *C. albicans*: *Candida albicans* (ATCC No. 10231)
3. *E. coli*: *Escherichia coli* (ATCC No. 8739)
4. *P. aeruginosa*: *Pseudomonas aeruginosa* (ATCC No. 9027)
5. *S. aureus*: *Staphylococcus aureus* (ATCC No. 6538)



Test Report

ID: RA0032995(6)

Date: 2023-4-18

Page 3 of 4

Result(s):

Test Intervals	Samples No.	Log ₁₀ values of the concentration					USP<51> Criteria in USP 39	
		Yeast and Molds		Bacteria			Bacteria	Yeast and Molds
		A. <i>brasiliensis</i>	C. <i>albicans</i>	E. <i>coli</i>	P. <i>aeruginosa</i>	S. <i>aureus</i>		
Day 0	No.1	5.45	5.67	5.11	5.26	5.38	---	---
Day 14	No.1	<1	<1	<1	<1	<1	Reduction ≥2.0 Log ₁₀ of initial conc.	≤ initial conc.
Day 28	No.1	<1	<1	<1	<1	<1	≤ Day 14 conc.	≤ initial conc.
Comment		Pass	Pass	Pass	Pass	Pass	---	---

Test Part Description:

No.1 Transparent liquid

Note: 1. The criteria for evaluation of antimicrobial effectiveness is with reference to the criteria specified in United States Pharmacopoeia, USP 39, Chapter 51, Criteria for Tested Microorganisms (Category 2) for Topically used products made with aqueous bases or vehicles; nonsterile nasal products and emulsions, including those applied to mucous membranes.

The test result of the report is related to the item being tested only. UTL does not verify or be liable to any declare or declaration if the particular/specific item is not tested.

Decision rule was applied with reference to CNAS-GL015 : 2018 Guidelines on Stating Test or Calibration Results and Compliance with Specification.





Test Report

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Sample Photo:



*** End of Report ***

