

# Test Report

Report No.: CTT2507031357EN

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**Applicant:** RUIAN JIANHONG LUGGAGE ACCESSORIES CO.,LTD.

**Address:** XU AO VILLAGE, XIANJIANG STREET, RUIAN CITY, WENZHOU CITY, ZHEJIANG, CHINA, POST CODE: 325207

**Sample Received Date:** Jul. 11, 2025

**Testing Period:** Jul. 11, 2025 - Jul. 15, 2025

**Report Date:** Jul. 15, 2025

The following merchandise was (were) submitted and identified on behalf of the applicant as:

**Sample Name:** Hardshell luggage

**Model No.:** PP81

**Sample Color:** DK GREY/BLACK

**Sample Quantity:** 1 SET

**Test Result(s):** Please refer to next page(s).

**Test Requested and Conclusion(s):** Please refer to next page(s).

Signed for and on Behalf of CTT:



Frank  
Technical Manager

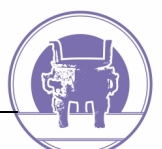


Verification Report



Zhejiang Consumer Testing  
Technology Co., Ltd.

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**Test Requested and Conclusion(s):**

No.	Standard and Requirement	Conclusion(s)
1	Annex XVII items 23 of the REACH Regulation (EC) No. 1907/2006 and its amendment - Cadmium	PASS
2	Annex XVII items 43 of the REACH Regulation (EC) No. 1907/2006 and its amendment - Azo Dyes	PASS
3	Annex XVII items 50 of the REACH Regulation (EC) No. 1907/2006 and its amendment - Polycyclic aromatic hydrocarbons	PASS
4	Annex XVII items 51 of the REACH Regulation (EC) No. 1907/2006 and its amendment & Client's requirement (Refer to Annex XVII items 52 of the REACH Regulation (EC) No. 1907/2006 and its amendment) - Phthalates	PASS

**Test Result(s):**

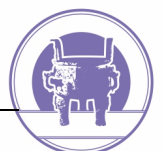
Cadmium - Annex XVII items 23 of the REACH Regulation (EC) No. 1907/2006 and its amendment

Method: CPSC-CH-E1001-08.3

<b>Substances</b>	Cd	<b>Conclusion</b>
<b>CAS No.</b>	7440-43-9	
<b>LOQ (mg/kg)</b>	2	
<b>Limit (mg/kg)</b>	100	
<b>Material No.</b>	<b>Result (mg/kg)</b>	
8+9+10	N.D.	PASS

**NOTE:**

1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
3. "+" = The "+" in the test sample description indicates a mixed test. The test results are the overall results of the mixed materials. The individual result of one or more materials in the mixed material may be greater than the mixed test result. Conclusion of compliance also applies to the individual materials in a mixed test only if multiplying the LOQ (Limit of Quantitation) and the number of mixed materials is less than the limit.



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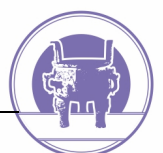
**Test Result(s):**

Azo Dyes - Annex XVII items 43 of the REACH Regulation (EC) No. 1907/2006 and its amendment

Method: EN ISO 14362-1:2017 & EN ISO 14362-3:2017

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)
					1+2+3
1	4-aminobiphenyl	92-67-1	30	5	N.D.
2	benzidine	92-87-5	30	5	N.D.
3	4-chloro-o-toluidine	95-69-2	30	5	N.D.
4	2-naphthylamine	91-59-8	30	5	N.D.
5	o-aminoazotoluene	97-56-3	30	5	N.D.
6	5-nitro-o-toluidine	99-55-8	30	5	N.D.
7	4-chloroaniline	106-47-8	30	5	N.D.
8	4-methoxy-m-phenylenediamine	615-05-4	30	5	N.D.
9	4,4'-diaminodiphenylmethane	101-77-9	30	5	N.D.
10	3,3'-dichlorobenzidine	91-94-1	30	5	N.D.
11	3,3'-dimethoxybenzidine	119-90-4	30	5	N.D.
12	3,3'-dimethylbenzidine	119-93-7	30	5	N.D.
13	4,4'-methylenedi-o-toluidine	838-88-0	30	5	N.D.
14	p-cresidine	120-71-8	30	5	N.D.
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	30	5	N.D.
16	4,4'-oxydianiline	101-80-4	30	5	N.D.
17	4,4'-thiodianiline	139-65-1	30	5	N.D.
18	o-toluidine	95-53-4	30	5	N.D.
19	4-methyl-m-phenylenediamine	95-80-7	30	5	N.D.
20	2,4,5-trimethylaniline	137-17-7	30	5	N.D.
21	2-anisidine	90-04-0	30	5	N.D.
22	4-aminoazobenzene	60-09-3	30	5	N.D.
<b>Conclusion</b>					PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
  3. The CAS No. 97-56-3 (No.5) and 99-55-8 (No.6) are further reduced to CAS No.95-53-4 (No.18) and 95-80-7(No.19).
  4. Azo colorants that are able to form 4-aminoazobenzene(No.22), generate under the condition of this method aniline and 1, 4-phenylenediamine, therefore, the method of EN ISO 14362-3:2017 was employed to verify the 4-aminoazobenzene.
  5. "+" = The "+" in the test sample description indicates a mixed test. The test results are the overall results of the mixed materials. The individual result of one or more materials in the mixed material may be greater than the mixed test result. Conclusion of compliance also applies to the



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individual materials in a mixed test only if multiplying the LOQ (Limit of Quantitation) and the number of mixed materials is less than the limit.

## Test Result(s):

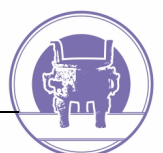
Polycyclic aromatic hydrocarbons - Annex XVII items 50 of the REACH Regulation (EC) No. 1907/2006 and its amendment

Method: AfPS GS 2019:01 PAK

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)
					4+11+12
1	Benzo(a)pyrene (BaP)	50-32-8	0.2	0.20	N.D.
2	Benzo(e)pyrene (BeP)	192-97-2	0.2	0.20	N.D.
3	Benzo(a)anthracene (BaA)	56-55-3	0.2	0.20	N.D.
4	Benzo(b)fluoranthene (BbF)	205-99-2	0.2	0.20	N.D.
5	Benzo(j)fluoranthene (BjF)	205-82-3	0.2	0.20	N.D.
6	Benzo(k)fluoranthene (BkF)	207-08-9	0.2	0.20	N.D.
7	Chrysene (CHR)	218-01-9	0.2	0.20	N.D.
8	Dibenzo(a,h)anthracene (DBA)	53-70-3	0.2	0.20	N.D.
<b>Conclusion</b>					PASS

## NOTE:

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3. "+" = The "+" in the test sample description indicates a mixed test. The test results are the overall results of the mixed materials. The individual result of one or more materials in the mixed material may be greater than the mixed test result. Conclusion of compliance also applies to the individual materials in a mixed test only if multiplying the LOQ (Limit of Quantitation) and the number of mixed materials is less than the limit.



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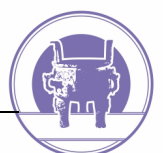
**Test Result(s):**

Phthalates - Annex XVII items 51 of the REACH Regulation (EC) No. 1907/2006 and its amendment & Client's requirement (Refer to Annex XVII items 52 of the REACH Regulation (EC) No. 1907/2006 and its amendment)

Method: CPSC-CH-C1001-09.4 (2018)

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					4+5+6	7
1	Sum (DBP+BBP+DEHP+DIBP)	--	1000	50	N.D.	N.D.
2	Sum (DNOP+DINP+DIDP)	--	1000	50	N.D.	N.D.
3	Di-butyl phthalate (DBP)	84-74-2	--	50	N.D.	N.D.
4	Butyl benzyl phthalate (BBP)	85-68-7	--	50	N.D.	N.D.
5	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	--	50	N.D.	N.D.
6	Phthalic acid, bis-n-octyl ester (DNOP)	117-84-0	--	50	N.D.	N.D.
7	Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	--	100	N.D.	N.D.
8	Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	--	100	N.D.	N.D.
9	Di-iso-butyl phthalate (DIBP)	84-69-5	--	50	N.D.	N.D.
<b>Conclusion</b>					PASS	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
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  3. "+" = The "+" in the test sample description indicates a mixed test. The test results are the overall results of the mixed materials. The individual result of one or more materials in the mixed material may be greater than the mixed test result. Conclusion of compliance also applies to the individual materials in a mixed test only if multiplying the LOQ (Limit of Quantitation) and the number of mixed materials is less than the limit.
  4. "--" = Not Applicable.



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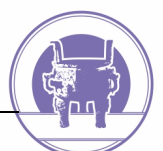
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## Test Material List

Material No.	Sample Description	Location
1*	Black synthetic fibre	Zipper fabric
2*	Gray synthetic fibre	Zipper fabric
3*	Celadon synthetic fibre	Mesh fabric
4*	Black plastic	Wheel body
5*	Black plastic	Zipper hand body
6*	Black plastic	Luggage case body
7*	Black plastic	Covered edge
8*	Silvery plating metal	Zipper head
9*	Silvery plating metal	Zipper handle
10*	Silvery metal	Substrate of pull rod
11*	Black plastic	Handle
12*	Black plastic	Fixed accessory

**Note:** The testing material(s) marked "\*" was (were) taken from components/raw material(s).

## Photo of Sample:



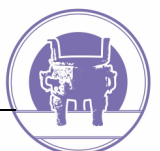
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\*\*\*End of Report\*\*\*



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