

Test Report

Report No.: CTT2503030548EN

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Applicant: BAGCO LTD

Address: UNIT 3, CHURCHILL COURT HORTONS WAY WESTERHAM TN161BT

Sample Received Date: Mar. 07, 2025

Testing Period: Mar. 07, 2025 - Mar. 12, 2025

Report Date: Mar. 12, 2025

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

Sample Name: cooler bags

Model No.: PEVA inner and aluminum film inner

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

Test Requested and Conclusion(s):

No.	Standard and Requirement	Conclusion(s)
1	Annex XVII items 63 of the REACH Regulation (EC) No. 1907/2006 and its amendment - Lead	PASS
2	German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and BfR Recommendations - Sensory requirements	PASS
3	Regulation (EC) No 1935/2004 & (EU) No 10/2011 and its amendments on plastic materials and articles intended to come into contact with food - Migration of Heavy metal - Overall Migration	PASS

Signed for and on Behalf of CTT:



Frank
Technical Manager

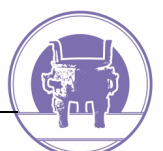


Verification Report



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Test Result(s):

Lead - Annex XVII items 63 of the REACH Regulation (EC) No. 1907/2006 and its amendment

Method: CPSC-CH-E1002-08.3

Substances	Pb	Conclusion
CAS No.	7439-92-1	
LOQ (mg/kg)	10	
Limit (mg/kg)	500	
Material No.	Result (mg/kg)	
3	N.D.	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).

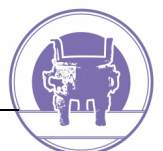
Test Result(s):

Sensory requirements - German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and BfR Recommendations

Method: Refer to DIN 10955:2024

Material No.	Test Item	Requirement	Result	Conclusion
1	Sensorial examination odour	3	0	PASS
1	Sensorial examination taste	3	0	PASS
2	Sensorial examination odour	3	0	PASS
2	Sensorial examination taste	3	0	PASS

- NOTE:**
1. Scale evaluation:
 - 0: No perceptible odour
 - 1: Odour just perceptible (still difficult to define)
 - 2: Moderate odour
 - 3: Moderately strong odour
 - 4: Strong odour
 2. Test Condition: odour: 60°C,1h
Taste: Distilled water, 70°C,2h
 3. "--" = Not Applicable.



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Test Result(s):

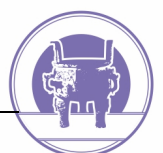
Overall Migration - Regulation (EC) No 1935/2004 & (EU) No 10/2011 and its amendments on plastic materials and articles intended to come into contact with food

Method: EN 1186-1:2002&EN 1186-3:2022

Material No.	Test Condition	Test Item	LOQ (mg/dm ²)	Limit (mg/dm ²)	Result (mg/dm ²)	Conclusion
1	10% Ethanol(v/v) ,70°C ,2h	Overall Migration (1st)	3.0	--	N.D.	PASS
		Overall Migration (2nd)	3.0	--	N.D.	
		Overall Migration (3rd)	3.0	10	N.D.	
2	10% Ethanol(v/v) ,70°C ,2h	Overall Migration (1st)	3.0	--	N.D.	PASS
		Overall Migration (2nd)	3.0	--	N.D.	
		Overall Migration (3rd)	3.0	10	N.D.	

NOTE:

1. mg/kg = milligram per kilogram (ppm). mg/dm²= milligram per square decimeter.
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
3. S/V=10 (dm²/L), S=surface area, V= volume.
4. The material or article is intended to come into repeated contact with foods, the migration test(s) shall be carried out three times.The results of subsequent migrations must not exceed the previous ones and the determination of compliance is based on the third migration result.
5. "--" = Not Applicable.



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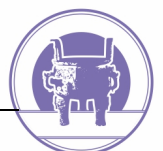
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Test Result(s):

Migration of Heavy metal - Regulation (EC) No 1935/2004 & (EU) No 10/2011 and its amendments on plastic materials and articles intended to come into contact with food

Method: EN 13130-1:2004

No.	Elements	Limit (mg/kg)	Results (mg/kg)		
			1		
			1st	2nd	3rd
1	Barium (Ba)	1	<0.1	<0.1	<0.1
2	Cobalt (Co)	0.05	<0.05	<0.05	<0.05
3	Copper (Cu)	5	<0.5	<0.5	<0.5
4	Iron (Fe)	48	<1	<1	<1
5	Lithium (Li)	0.6	<0.1	<0.1	<0.1
6	Manganese (Mn)	0.6	<0.05	<0.05	<0.05
7	Zinc (Zn)	5	<1	<1	<1
8	Aluminium (Al)	1	<0.1	<0.1	<0.1
9	Nickel (Ni)	0.02	<0.01	<0.01	<0.01
10	Lead (Pb)	0.01	<0.01	<0.01	<0.01
11	Cadmium (Cd)	0.002	<0.002	<0.002	<0.002
12	Arsenic (As)	0.01	<0.01	<0.01	<0.01
13	Mercury (Hg)	0.01	<0.01	<0.01	<0.01
14	Chromium (Cr)	0.01	<0.01	<0.01	<0.01
15	Antimony (Sb)	0.04	<0.02	<0.02	<0.02
16	Europium (Eu)	0.05	<0.01	<0.01	<0.01
17	Gadolinium (Gd)				
18	Lanthanum (La)				
19	Terbium (Tb)				
Conclusion			PASS		



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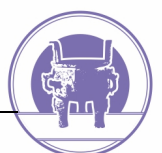
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No.	Elements	Limit (mg/kg)	Results (mg/kg)		
			2		
			1st	2nd	3rd
1	Barium (Ba)	1	<0.1	<0.1	<0.1
2	Cobalt (Co)	0.05	<0.05	<0.05	<0.05
3	Copper (Cu)	5	<0.5	<0.5	<0.5
4	Iron (Fe)	48	<1	<1	<1
5	Lithium (Li)	0.6	<0.1	<0.1	<0.1
6	Manganese (Mn)	0.6	<0.05	<0.05	<0.05
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16	Europium (Eu)	0.05	<0.01	<0.01	<0.01
17	Gadolinium (Gd)				
18	Lanthanum (La)				
19	Terbium (Tb)				
Conclusion			PASS		

- Note:**
1. Test Condition: 3% Acetic acid(w/v), 70°C, 2h
 2. mg/kg = milligrams of the constituents released per kilogram of foodstuff.
 3. The results of the three migration tests should show a decreasing trend, and the results of the third test should be used to determine the compliance.
 4. $S/V=6$ (dm²/L), S=surface area, V= volume.

Test Material List

Material No.	Sample Description	Location
1	Silvery aluminium film	Inside of bag (large black bag)
2	Dark gray PEVA	Inside of bag (small black bag)
3	White synthetic fibre	Bag body

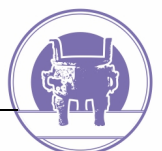


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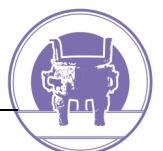
Photo of Sample:



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*** End of Report ***

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