

Test Report

Number: GZHH00588563

Date: Apr 22, 2025

Sample Description:

One (1) submitted sample said to be **Vacuum Sealer Bags**
Item No. : UVSBG-B12100-A
Reference Item No. : UVSBG-B1150-A, UVSBG-B11200-A, UVSBR-B332-A, UVSBR-B413-A

Country of Destination : US
Country of Origin : China
Date Sample Received : Mar 25, 2025 & Apr 08, 2025
Testing Period : Mar 25, 2025 ~ Apr 14, 2025

Tested sample



Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

To be continued



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Conclusion:

Tested sample	Standard/Testing Item	Result
Tested component(s) of submitted sample(s)	U.S. F.D.A. Regulation 21 CFR Part 177.1520 Clauses (c)(2.1) on polyethylene	Pass
	U.S. F.D.A. Regulation 21 CFR Part 177.1500 Clause (b) (6.1) on nylon 6 resins	Pass
	Applicant's requirement for heavy metal content based on California Proposition 65	See test Conducted
	Applicant's requirement on phthalates content Based on California Proposition 65	Pass
	Bisphenol –A Content	See test Conducted

Authorized by:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch, Hardlines


Victor T.J. Wang
General Manager



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https://verifyindex.intertek.com.cn/home/index?id=hl_report_verify



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Tests Conducted

1 Test for F.D.A. Regulation on Polyethylene

As per the U.S. Food and Drug Administration 21 CFR Part 177.1520 Clauses (c)(2.1) and (d) with modification on density.

Test item	Result	Reporting Limit	Limit
	(3)		
Density (By sink-float method)	0.91	--	0.85 - 1.00
Maximum extractable fraction in n-hexane, %	ND	1.0	5.5 / 2.6
Maximum extractable fraction in xylene, %	2.1	1.0	11.3

ND = Not detected (less than reporting limit)

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

2 Test for F.D.A. Regulation on Nylon 6 Resins

As per the U.S. Food and Drug Administration 21 CFR Part 177.1500 Clauses (b) (6.1) and d(1-4).

Test item	Result	Detection limit	limit
	(4)		
Specific gravity	1.149	--	1.135 to 1.165
Melting point, °F	443	--	392 to 446
Solubility in boiling 4.2N HCl	Complied	--	Dissolves in 1 hour
Maximum extractable fraction in water, %	0.18	0.10	1.0
Maximum extractable fraction in 95% ethyl alcohol, %	0.31	0.10	2.0
Maximum extractable fraction in ethyl acetate, %	ND	0.10	1.0
Maximum extractable fraction in benzene, %	ND	0.10	1.0

ND = Not detected (less than detection limit)

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



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3 Total Lead (Pb) Content (CA 65 Requirement)

By microwave digestion and followed by Inductively Coupled Plasma (ICP) Spectrophotometric analysis.

Element	Result (ppm)	Reporting Limit (ppm)
	Tested Component	
	(1), (2)	
Lead (Pb)	ND	10

ppm = parts per million = mg/kg
ND = Not detected

Tested Component(s): See component list in the last section of this report

4 Phthalate Content (CA 65 Requirement)

By solvent extraction and Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test Item	CAS No.	Result (%)	Reporting limit (%)	Limit (%)
		Tested component		
		(1), (2)		
Dibutyl phthalate (DBP)	84-74-2	ND	0.01	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	0.01	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND	0.01	0.1
Di-n-octyl phthalate(DNOP)	117-84-0	ND	0.01	0.1
Di-iso-decyl phthalate (DIDP)	26761-40-0	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP/DnHP)	84-75-3	ND	0.01	0.1
Di-cyclohexyl phthalate(DCHP)	84-61-7	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.01	0.1
Di-n-pentyl Phthalate (DPENP)	131-18-0	ND	0.01	0.1

ND = Not detected

Tested Component(s): See component list in the last section of this report



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5 Bisphenol-A Content

By solvent extraction and followed by Liquid Chromatographic / Tandem Mass Spectrometer (LC/MS/MS) analysis.

Test item	CAS No	Result (mg/kg)	Reporting limit (mg/kg)
		Tested component	
		(1)	
Bisphenol-A	80-05-7	ND	0.1

ND = Not detected(less than reporting limit)

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

Component list:

- (1) Semi-transparent PE/PA6 plastic (bag).
- (2) White coating on plastic (surface of bag).
- (3) Light white PE plastic granule.
- (4) Light white PA6 plastic granule.



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Reference photo



Remark: The products in the reference photos are not tested in this report. It's declared by the applicant that the materials of those items are identical to the particular tested sample. They are just included in the report for reference.

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.

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