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TEST REPORT

Test information					
Applicant	:	Ningbo Home-Dollar Imp.& Exp.Corp.			
Address	:	69 Guangyuan Road, Jiangbei District, Ningbo,China.			
Sample Description	:	ICE PACK.			
PO#	:	Not provided.			
Style #	:	G23436N.			
Country of origin	:	China.			
Export to	:	USA.			
Buyer	:	REGENT PRODUCTS CORP.			
Receiving Date	:	June 29, 2022.			
Test period	:	June 29, 2022.~July 04, 2022.			
Test Requested	:	Tests requested in accordance to client requirement.			

TEST ITEMS	CONCLUSION
Soluble fraction in Xylene – US FDA 21 CFR 177.1520	PASS
Extractable fraction in n-hexane – US FDA 21 CFR 177.1520	PASS
Total Lead(Pb) Content - California Proposition 65	PASS
Total Cadmium(Cd) Content - California Proposition 65- Superior Court of California- County of Alameda Case No. RG 10-514803.	PASS
Phthalates Content test - Client's requirements	PASS



Approved signatory



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Sample image:





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Test result:

A.*Soluble fraction in xylene – US FDA 21 CFR 177.1520:(Unit: w/w %)

Test method: With reference to US FDA 21 CFR 177.1520.

Test Number	Item/ component description(s)	Material (claimed by the client)
A2	Red watermelon ice pack	15%PE+85%PA

Simulant Used	Time	Temp	Detection limit	Test result A2	Maximum Permissible Limit
Soluble fraction in xylene, w/w %	More than1h	25 ℃	0.5	2.06	11.3

Note:

- 1) N.D= Not detected, less than Detection limit .
- 2)%(w/w) = percentage of weight by weight.
- 3) Maximum permissible Limit is reference to 21 CFR 177.1520(c) 2.1.

B. *Extractable fraction in n-hexane – US FDA 21 CFR 177.1520:(Unit: w/w %)

Test method: With reference to US FDA 21 CFR 177.1520.

Test Number	Item/ component description(s)	Material (claimed by the client)		
A1	Orange ice pack	15%PE+85%PA		

Simulant Used	Time	Temp	Detection limit	Test result A1	Maximum permissible Limit	
Extractable fraction in n-hexane at	2h	50℃	0.5	0.92	5.5	
reflux temperature , w/w %			3.0	3.02	5.0	

Note:

- 1)N.D= Not detected, less than Detection limit.
- 2)%(w/w) = percentage of weight by weight.
- 3) Maximum permissible Limit is reference to 21 CFR 177.1520(c) 2.1



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C. Total Lead(Pb) contents - California proposition 65: (Unit: mg/kg)

Test method:

Metal - CPSC-CH-E1001-08.3., Nonmetal - CPSC-CH-E1002-08.3.,

Was analyzed by flame atomic absorption spectrometry (AAS) or inductively coupled plasma spectrometer (ICP-OES).

Test Number	Item/ component description(s)
A3	(yellow & blue) ice pack & white plastic hole

Test item	Test item Test Number MDL		Test Number MDL Test Resu		Test Result	Maximum permissible limit	Conclusion
Lead	A2.4	E	N.D.	100	PASS		
(Pb)	A3 ▲	5	N.D.	100	PASS		

Note:

- 1) MDL=Method Detection Limit.
- 2) N.D. = not detected, less than MDL.
- 3)" A" = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

Remark:



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D. Total Cadmium(Cd) content: (Unit: mg/kg)

California Proposition 65- Superior Court of California- County of Alameda Case No. RG 10-514803

Test method: RTS-ZY-008 As per Metal - CPSC-CH-E1001-08.3; Nonmetal - CPSC-CH-E1002-08.3; Surface coating - CPSC-CH-E1003-09.1, Was analyzed by flame atomic absorption spectrometry(AAS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Number	Item/ component description(S)
A3	(yellow & blue) ice pack & white plastic hole

Test item	item Test Number N		Test Result	Maximum permissible limit	Conclusion
Cadmium (Cd)	A3 ▲	5	N.D.	300	PASS

Note:

- 1) MDL=Method Detection Limit.
- 2) N.D. = not detected, less than MDL.
- 3) Product shall not exceed 300 ppm (0.030%) total cadmium content.
- 4)" A" = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.



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E. Phthalates Content test: (Unit: mg/kg)

Test method: CPSC-CH-C1001-09.4, was analyzed by Gas Chromatograph-Mass Spectrometer (GC-MS).

Test Number	Item/ component description(s)
A3	(yellow & blue) ice pack & white plastic hole

Test Item(s)	CAS No.	Results A3 ▲	MDL	Client's limit
Dibutyl Phthalate(DBP)	84-74-2	N.D.	50	1000
Benzylbutyl Phthalate(BBP)	85-68-7	N.D.	50	1000
Bis-(2-ethylhexyl)Phthalate(DEHP)	117-81-7	N.D.	50	1000
Diisodecyl Phthalate(DIDP)	26761-40-0	N.D.	50	1000
Di-iso-nonyl Phthalate(DINP)	28553-12-0	N.D.	50	1000
Di-n-hexyl phthalate (DNHP)	84-75-3	N.D.	50	1000
Conclusion:	-	PASS	-	-

Note:

- 1) N.D. = not detected, less than MDL.
- 2) MDL = Method Detection Limit.
- 3)"▲" = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

End of Report
