

Test Report			Number : TWNC00309048
Applicant:	BEST CHEM CO., L No 15 Lane 192 S Nan San Rd Lu-Ch Taoyuan Hsien Ta	ec 2 u Hsiang	Date : Apr 30, 2013
Sample Desc	ription:		
	on of Report Summa	ary : Fail	
Failure '	rest Item	: Formaldehyde	
Material Material Category Test Typ	can of submitted s Name & Code Colour & Code Composition e t Report No.	<pre>amples said to be : PRC Fluorescent Series PRC-8320H, PRC-8400H, P Orange Pigment Infant SI (Supplier Inner Test - 509</pre>	RC-8700H, PRC-8800H)
End Use		: Apparel	
Buyer's		:adidas	
Vendor's		: -	
		: BEST CHEM CO., LTD.	
_	of Supplier Purchase Order No.	: -	
/	ple Received	:- :Apr 23, 2013	
	t Started	: Apr $24$ , $2013$	

#### Test Conducted:

As requested by the applicant, for details please refer to attached pages.

Conclusion:

Please see page two.

Authorized by: On Behalf of Intertek Testing Services Taiwan Limited



K. Y. Liang Director

Page 1 of 5

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Conclusion: <u>Tested Sample</u>	Standard	Result
Submitted samples	adidas A-01 Policy Version No.10 testing requirements - Formaldehyde - Phthalates - Nonylphenol (NP) - Octylphenol (OP)	<b>F</b> M M M
	- NP/OP/NPEO/OPEO (SUM) buyer's requirement <b>to meet buyer's requirement</b>	М

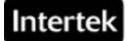
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Page 2 of 5

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## Test Conducted

#### 1. Formaldehyde

As per DIN EN ISO 14184-1: 1998 (for non-leather material except wood) and EN 717-3: 1996 (for wood material), by High Performance Liquid Chromatography-Photodiode Array Detector (HPLC-DAD) analysis.

Tested Sample	Result (ppm)	adidas TLV (ppm)
Submitted samples	699*	13(For Infants-Size Cat.≤92)/
		20(For Infants-Size Cat.98 To
		176)
Remarks : ppm = Parts	per million = mg/	kg

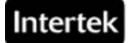
Dete	ction	limi	t =	5ppm
*	= F	ailed	iter	n

# 2. Phthalates

By soxhlet extraction with dichloromethane and determined by Gas Chromatography-Mass Spectrometer (GC-MS).

Compound	<u>Result (ppm)</u> Submitted samples			
Di-(Iso-Nonyl) Phthalate (DINP)	ND			
Di-(N-Octyl) Phthalate (DNOP)	ND			
Diethyl Hexyl Phthalate (DEHP)	ND			
Di-(Iso-Decyl) Phthalate (DIDP)	ND			
Benzyl Butyl Phthalate (BBP)	ND			
Dibutyl Phthalate (DBP)	ND			
Diisobutyl Phthalate (DIBP)	ND			
Di-(C6-8-Branched Alkyl) Phthalates (DIHP)	ND			
Di-(C7-11-Branched and Linear Alkyl)	ND			
Phthalates (DHNUP)				
Di-(N-Hexyl) Phthalate (DHP)	ND			
Di-(2-Methoxy Methyl) Phthalate (DMEP)	ND			
Sum Of Above Phthalates	ND			
adidas TLV (Total) : 500 ppm				
Remarks: ppm = Parts per million = mg/kg ND = Not detected Detection limit = 50 ppm				

Page 3 of 5



#### Number : TWNC00309048

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## 3. <u>Nonylphenol (NP), Octylphenol (OP), Nonylphenol Ethoxylates (NPEO) And</u> <u>Octylphenol Polyethoxylate (OPEO)</u>

Extraction with dichloromethane (for NP & OP) and methanol (for NPEO & OPEO), followed by Liquid Chromatography /Tandem Mass Spectrometer (LC-MS-MS) Liquid and Chromatography- Mass Spectrometer (LC-MS) analysis.

Compound	Result (ppm)	adidas TLV (ppm)
	Submitted samples	
NP	ND	100
OP	ND	100
NPEO	ND	
OPEO	ND	
Total	ND	1000
Remarks :	ppm = Parts per million = mg/kg Detection limit = 10 ppm ND = Not detected	

End of Report

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Photo



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