



**Test Report**

Number : TWNC00309048

Applicant: BEST CHEM CO., LTD.  
No 15 Lane 192 Sec 2  
Nan San Rd Lu-Chu Hsiang  
Taoyuan Hsien Taiwan ROC

Date : Apr 30, 2013

Sample Description:

Conclusion of Report Summary	:	<b>Fail</b>
Failure Test Item	:	Formaldehyde

Sample Description:

One (1) can of submitted samples said to be :

Material Name & Code : PRC Fluorescent Series (PRC-8110H, PRC-8300H, PRC-8320H, PRC-8400H, PRC-8700H, PRC-8800H)

Material Colour & Code : Orange

Material Composition : Pigment

Category : Infant

Test Type : SI (Supplier Inner Test)

Full Test Report No. : -

Test Key Code : 509

End Use : Apparel

Buyer's Name : adidas

Vendor's Name : -

Supplier/Contact Person : BEST CHEM CO., LTD.

Country of Supplier : -

Lot No./Purchase Order No. : -

Date Sample Received : Apr 23, 2013

Date Test 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



**Intertek Testing Services Taiwan Ltd.**

8F., No. 423, Ruiguang Rd., Neihu District, Taipei 11492, Taiwan, R.O.C.

全國公證檢驗股份有限公司

11492 台北市內湖區瑞光路 423 號 8 樓

Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410



**Test Report**

Number : TWNC00309048

Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Submitted samples	adidas A-01 Policy Version No.10 testing requirements	
	- Formaldehyde	<b>F</b>
	- Phthalates	M
	- Nonylphenol (NP)	M
	- Octylphenol (OP)	M
	- NP/OP/NPEO/OPEO (SUM)	M

Remarks: M = Meet buyer's requirement

**F = Fail to meet buyer's requirement**

---

Authorized by:  
On Behalf of Intertek Testing Services  
Taiwan Limited



---

K. Y. Liang  
Director



## 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.

<u>Tested Sample</u>	<u>Result (ppm)</u>	<u>adidas TLV (ppm)</u>
Submitted samples	699*	13 (For Infants-Size Cat.≤92) / 20 (For Infants-Size Cat.98 To 176)

Remarks : ppm = Parts per million = mg/kg

Detection limit = 5ppm

\* = **Failed item**

2. Phthalates

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

<u>Compound</u>	<u>Result (ppm)</u> <u>Submitted samples</u>
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) Phthalates (DHNUP)	ND
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





Number : TWNC00309048

Test Conducted

3. Nonylphenol (NP), Octylphenol (OP), Nonylphenol Ethoxylates (NPEO) And Octylphenol Polyethoxylate (OPEO)

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.

<u>Compound</u>	<u>Result (ppm)</u> <u>Submitted samples</u>	<u>adidas TLV (ppm)</u>
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

*This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct.*



**Intertek Testing Services Taiwan Ltd.**

8F., No. 423, Ruiguang Rd., Neihu District, Taipei 11492, Taiwan, R.O.C.

全國公證檢驗股份有限公司

11492 台北市內湖區瑞光路 423 號 8 樓

Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

Test Conducted

Photo

