



TEST REPORT**NUMBER : JKTT16009176****DATE : 12-Jul-2016**

APPLICANT : PT. WAHANA KREASI HASIL KENCANA
JL.ISKANDAR MUDA NO.83, SEWAN RAWA KUCING,
TANGERANG, 15129, INDONESIA

ATTN : KARBANI, SUTAN HARAHAP

CC : C/O ADIDAS LO - TIM BOCK

Provided Information :
Date Received : Jun 23, 2016
Test Type : A-01 Selected Test
Client Ref No. : None Given
Material : Ballmarker 12,5 mm
Fibre Content : -
Construction : None Given
Gauge (Knit Only) : -
Color : Pear White Nikel Free
End Product : Glove (For Adult)
Buyer : Adidas International
Order No. : None Given
Article/Style No. Received : Taylor Made, Inesis, 2F, Bionic
Season : All Season
Fabric Supplier's Name : PT Adira Semesta Industry
Other Information : Description : Ballmarker 12.5mm Glove Golf

TEST CONDUCTED : AS PER THE REQUEST OF THE APPLICANT. FOR FURTHER DETAILS PLEASE REFER TO ENCLOSED PAGE(S)

Authorized By
FOR INTERTEK INDONESIA [JAKARTA]



NOVITA PURBA
TEXTILE LABORATORY MANAGER

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CONCLUSION :

Heavy Metal Analysis	M
Total Cadmium (Cd) Content	M
Total Lead (Pb) Content	M
Phthalate Content	M
Nickel (NI) Release	M

Remark :

M = Meets Buyer's Requirement

F = Below Buyer's Requirement

= No Specified Information

* = No Submitted Information

M1 = Conforms Within ±5% Tolerance To The Declared Fabric Weight

F1 = Does Not Conform Within ±5% Tolerance To The Declared Fabric Weight

M* = The sample conform to the declared fiber content

A = Commercially Acceptable

F2 = Fail to Meet The Submitted Requirement

M2 = Meets The Submitted Requirement

N/A = Not Applicable

NOTE :

Subcontracted At Intertek Vietnam

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TEST CONDUCTED (AS REQUESTED BY THE APPLICANT)

1. Heavy Metal Analysis

With Reference To DIN EN ISO 105 E04 - 2013 (Pre-Treatment) And DIN EN ISO 12846 - 2012 (For Mercury (Hg))/DIN EN ISO 11885 - 2009 (For Others), By Inductively Coupled Argon Mass Plasma Spectrometry (ICP-MS)

Result

	(1/2/3)	<u>Requirement</u>
Sol. Lead (Pb)	<0.1 ppm	1 ppm
Sol. Cadmium (Cd)	<0.03 ppm	0.1 ppm
Sol. Chromium (Cr)	<0.5 ppm	2 ppm
Sol. Mercury (Hg)	<0.01 ppm	0.02 ppm

REMARK:

Sol. = Soluble

ppm = Parts Per Million = mg/kg

< = Less Than

Tested Components :

- (1) Silver Color Plating Metal Socket
- (2) Silver Color Plating Metal O-Ring
- (3) Silver Color Plating Metal Cap

2. Total Cadmium (Cd) Content

By Microwave Digestion, And DIN EN ISO 11885 : 2009

Tested Sample

Result	(1/2/3)	(4)	<u>Requirement</u>
	<5 ppm	<5 ppm	40 ppm

REMARK:

< : Less Than

ppm = Parts Per Million = mg/kg

Tested Components :

- (1) Silver Color Plating Metal Socket
- (2) Silver Color Plating Metal O-Ring
- (3) Silver Color Plating Metal Cap
- (4) Pearl White Plastic Cap

3. Total Lead (Pb) Content

By Microwave Digestion With H₂O₂/HNO₃, Total Lead Content Was Determined By Inductively Coupled Argon Plasma Spectrometry With Reference To DIN EN ISO 11885 - 2009

Tested Sample

	(1/2/3)	(4)	<u>Requirement</u>
Result (ppm)	<10	<10	40 ppm

REMARK:

< : Less Than

ppm = Parts Per Million = mg/kg

Tested Components :

- (1) Silver Color Plating Metal Socket
- (2) Silver Color Plating Metal O-Ring
- (3) Silver Color Plating Metal Cap
- (4) Pearl White Plastic Cap

4. Phthalate Content

By Solvent Extraction And Followed By Gas Chromatographic-Mass Spectrometric (GC-MS) Analysis

<u>Result (ppm)</u>	(4)	<u>Requirement</u>
Compound		
Dibutyl Phthalate (DBP)	N	--
Diethyl Hexyl Phthalate (DEHP)	N	--
Di - (Iso - Nonyl) Phthalate (DINP)	N	--
Benzyl Butyl Phthalate (BBP)	N	--
Di - (N-Octyl) Phthalate (DNOP)	N	--
Di - (Iso Decyl) Phthalate (DIDP)	N	--
Diisobutyl Phthalate (DIBP)	N	--
Di - C6 - 8 - Branched Alkylphthalates (DIHP)	N	--
Di - C711 - Branched Alkylphthalates (DHNUP)	N	--
Di - N - Hexylphthalate (DnHP)	N	--
Di - N - Pentyl Phthalate (DnPP)	N	--
Di - (2 - Methoxymethyl) - Phthalate (DMEP)	N	--
Sum Of Above Phthalates	N	500 ppm

REMARK:

N = Not Detected
 Detection Limit = 100 ppm For Each Phthalate
 ppm = Parts Per Million = mg/kg

Tested Component :

(4) Pearl White Plastic Cap

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5. Nickel (NI) Release

As Per DIN EN 12472:2005+A1:2009 And DIN EN 1811:2011+A1:2015 By Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) Analysis

(1) EN 1811:2011

<u>Tested Specimen</u>	<u>Trial</u>	<u>Sample Area (cm²)</u>	<u>Volume Of Test Solution (ml)</u>	<u>Tested Result Δ (μG/cm²/week)</u>	<u>Requirement (μG/cm²/week)</u>
Submitted Sample	1	1.54	1.54	N	0.5
	2	1.54	1.54	N	0.5
	3	1.54	1.54	N	0.5

(1) EN 12472-2005+A1-2009 Followed By EN 1811:2011

<u>Tested Specimen</u>	<u>Trial</u>	<u>Sample Area (cm²)</u>	<u>Volume Of Test Solution (ml)</u>	<u>Tested Result Δ (μG/cm²/week)</u>	<u>Requirement (μG/cm²/week)</u>
Submitted Sample	1	1.54	1.54	N	0.5
	2	1.54	1.54	N	0.5
	3	1.54	1.54	N	0.5

N = Not Detected

Detection Limit = 0.05 μg/cm²/week

ppm = Parts Per Million = mg/kg

Tested Component :

(1) Silver Color Plating Metal Socket

END OF THE TEST REPORT

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