



TEST REPORT

Prepared for:

DWR Plastics Ltd

50 Broadway, Newport, Shropshire, TF10 7TP United Kingdom

Product Name: Skin Safe Product Series

Model No.: N/A

Date of Test: From November 09, 2024 to December 16, 2024

Date of Report: December 16, 2024

Report Number: HK0124120116

Prepared by:

Zhejiang HUAK Testing Technology Co., LTD.

**3F, Building 6, Block B, No, E21 Xinke Road, Choujiang Street,
Yiwu City, Jinhua, Zhejiang, China**

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 15 days only. The document is issued by Zhejiang HUAK Testing Technology Co., Ltd. this document cannot be reproduced except in full with our prior written permission.

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Applicant: DWR Plastics Ltd
Address: 50 Broadway, Newport, Shropshire, TF10 7TP United Kingdom
Manufacturer: DWR Plastics Ltd
Address: 50 Broadway, Newport, Shropshire, TF10 7TP United Kingdom

The following sample was submitted and identified by/on behalf of the client as:

Sample Name: Skin Safe Product Series
 Brand: DWR Plastics Ltd
 Color: Translucent white
 Model No.: N/A
 Batch Number: N/A
 Age Group: Over 6
 Country of Origin: United Kingdom
 Sample Receiving Date: November 09, 2024
 Testing Period: From November 09, 2024 to December 16, 2024
 Results: Please refer to the next page(s).

Signed for and on behalf of HUAK

Approved by: Derick Qian

Lab Manager

Remark: Only selected materials were tested as per client's requirement.



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Summary of Test Results:

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1. Soluble Heavy Metal –EN 71-3:2019+A1:2021

CONCLUSION

PASS

Tested part(s):

Seq. no	Test components description	Location
01	Silica gel	Super soft skin safe
02	Silica gel	Silicone gel 00-30
03	Silica gel	Food & Skin Safe
04	Silica gel	Prosthetics Skin

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Test result:

1. Soluble Heavy Metal - EN 71-3:2019+A1:2021(Category III):

Test Method: EN 71-3:2019+A1:2021, analyzed by Inductively coupled plasma mass spectrometry (ICP-MS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

No.	Substances Name	CAS No.	Unit	RL	Limit	Test Result(s)	
						01	02
1	Soluble Aluminum (Al)	7429-90-5	mg/kg	5	28130	N.D.	N.D.
2	Soluble Antimony (Sb)	7440-36-0	mg/kg	5	560	N.D.	N.D.
3	Soluble Arsenic (As)	7440-38-2	mg/kg	2.5	47	N.D.	N.D.
4	Soluble Barium (Ba)	7440-39-3	mg/kg	5	18750	N.D.	N.D.
5	Soluble Boron (B)	7440-42-8	mg/kg	5	15000	N.D.	N.D.
6	Soluble Cadmium (Cd)	7440-43-9	mg/kg	1	17	N.D.	N.D.
7	Soluble CrIII	--	mg/kg	2.0	460	N.D.	N.D.
8	Soluble CrVI	18540-29-9	mg/kg	0.025	0.053	N.D.	N.D.
9	Soluble Cobalt (Co)	7440-48-4	mg/kg	5	130	N.D.	N.D.
10	Soluble Copper (Cu)	7440-50-8	mg/kg	5	7700	N.D.	22
11	Soluble Lead (Pb)	7439-92-1	mg/kg	1	23	N.D.	N.D.
12	Soluble Manganese (Mn)	7439-96-5	mg/kg	5	15000	N.D.	N.D.
13	Soluble Mercury (Hg)	7439-97-6	mg/kg	5	94	N.D.	N.D.
14	Soluble Nickel (Ni)	7440-02-0	mg/kg	5	930	N.D.	N.D.
15	Soluble Selenium (Se)	7782-49-2	mg/kg	5	460	N.D.	N.D.
16	Soluble Strontium (Sr)	7440-24-6	mg/kg	5	56000	N.D.	N.D.
17	Soluble Tin (Sn)	7440-31-5	mg/kg	0.5	180000	N.D.	N.D.
18	Soluble Organic tin	--	mg/kg	2.5	12	N.D.	N.D.
19	Soluble Zinc (Zn)	7440-66-6	mg/kg	5	46000	N.D.	N.D.
Conclusion(s)						PASS	PASS

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No.	Substances Name	CAS No.	Unit	RL	Limit	Test Result(s)	
						03	04
1	Soluble Aluminum (Al)	7429-90-5	mg/kg	5	28130	N.D.	N.D.
2	Soluble Antimony (Sb)	7440-36-0	mg/kg	5	560	N.D.	N.D.
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4	Soluble Barium (Ba)	7440-39-3	mg/kg	5	18750	N.D.	N.D.
5	Soluble Boron (B)	7440-42-8	mg/kg	5	15000	N.D.	N.D.
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16	Soluble Strontium (Sr)	7440-24-6	mg/kg	5	56000	N.D.	N.D.
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18	Soluble Organic tin	--	mg/kg	2.5	12	N.D.	N.D.
19	Soluble Zinc (Zn)	7440-66-6	mg/kg	5	46000	N.D.	N.D.
Conclusion(s)						PASS	PASS

Note:

- 1) mg/kg= milligram per kilogram (ppm).
- 2) N.D. = Not Detected (Less than RL).
- 3) Migration of organic tin was calculated by summat ion of the migration values of Methyl tin, Dimethyl tin, Di-n-propyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetra butyl tin, n-Octyl tin, Di-n- octyl tin, Diphenyl tin, Triphenyl tin and was expressed as tributyltin cation content. however other organic tin compounds may also be present in the sample, The Toy Safety Directive (2009/48/EC) requirement covers total migratable organic tin.
- 4) The soluble organic tin was not conducted due to the soluble tin is not detected.
- 5) Soluble chromium (VI) test method: EN 71-3:2019+A 1:2021 Annex F, analyzed by Ion Chromatograph Ultraviolet spectroscopy (IC-UV).
- 6) Soluble organic tin test method: EN 71-3:2019+A1:2021 Annex G, analyzed by Gas Chromatography- Mass Spectroscopy (GC-MS).



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Photograph of Sample:



HUAK authenticate the photo on original report on

***** End of Report *****