



HYGAN PRODUCTS LTD  
KINGSCROFT WORKS  
STOKE OLD ROAD  
HARTSHILL  
STOKE-ON-TRENT  
ST4 6ES  
UNITED KINGDOM

**Test Report No. BTO 275383/1**  
**Issue Date: 16/01/2020**

Attn: Jon Hewitt

The following sample was submitted and identified by the client as:

**Sample Name:** Natural Sponge

**Sample Description:** Natural sponge, 10 cm long.

**Sample Submitted:** 18<sup>th</sup> December 2019

**Testing Period:** Testing conducted between 10<sup>th</sup> January 2020 and 15<sup>th</sup> January 2020  
*(Please note that this testing was conducted at another laboratory within the SGS group of companies)*

**Tests Requested:** Please refer to the result summary.

**Test Method & Results:** Please refer to next page(s)

**Result Summary:**

Test Requested	Conclusion
Directive 2009/48/EC and its Amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725 – EN71-3:2019 Migration of certain elements	PASS

Signed for and on behalf of  
SGS United Kingdom Ltd.

Chris Walker, BSc (Hons)  
Technical Manager

This document is issued by the Company subject to its General Conditions of Service, available on request or accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company.

## APPENDIX

### Test Results:

#### Directive 2009/48/EC and its Amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725 – EN71-3:2019 Migration of certain elements

#### Category III: Scraped-off toy material

Method: With reference to EN 71 Part 3: 2019. Analysis of general elements was performed by ICP- OES. Chromium (III) was obtained by calculation, chromium (VI) was analysed by IC-UV/VIS.

Test Item(s)	Result(s) (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (EN71-3:2019) (mg/kg)
<b>Specimen No.</b>	<b>A1</b>	-	-
<b>Mass of trace amount</b> (mg)	--	-	-
Soluble Aluminium (Al) (mg/kg)	ND	50	70,000
Soluble Antimony (Sb) (mg/kg)	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	10	47
Soluble Barium (Ba) (mg/kg)	273	50	18,750
Soluble Boron (B) (mg/kg)	ND	50	15,000
Soluble Cadmium (Cd) (mg/kg)	ND	5	17
Soluble Chromium (Cr) (mg/kg)	0.091	0.053	--
Soluble Chromium#(III) (Cr (III)) (mg/kg)	ND	5	460
Soluble Chromium#(VI) (Cr(VI)) (mg/kg)	ND	0.053	0.053
Soluble Cobalt (Co) (mg/kg)	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	50	7,700
Soluble Lead (Pb) (mg/kg)	ND	10	23
Soluble Manganese (Mn) (mg/kg)	ND	50	15,000
Soluble Mercury (Hg) (mg/kg)	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	50	56,000
Soluble Tin (Sn) (mg/kg)	ND	4.9	180,000
Soluble Organic Tin <sup>^</sup> (mg/kg)	--	--	12
Soluble Zinc (Zn) (mg/kg)	ND	50	46,000
<b>Conclusion</b>	<b>PASS</b>	--	--

#### Specimen Description:

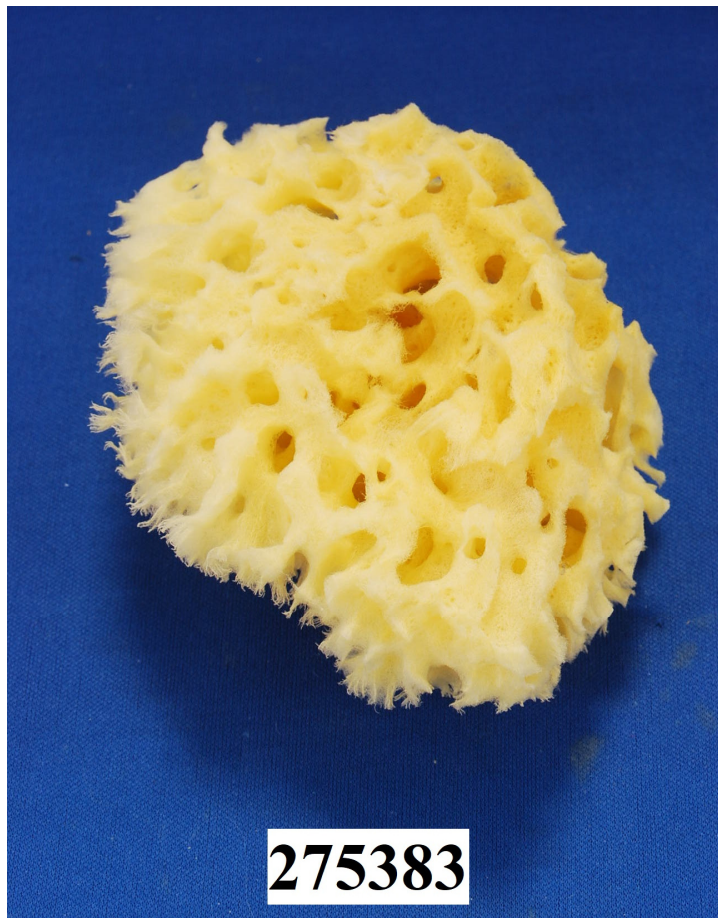
1. Yellow foam from sponge

This document is issued by the Company subject to its General Conditions of Service, available on request or accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company.

## Note:

- mg/kg = milligram per kilogram
- ND = Not Detected (lower than MDL)
- 1% = 10000mg/kg = 10000ppm
- ^ Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirements as specified in EN71-3:2019



SGS authenticate photo on original report only

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

This document is issued by the Company subject to its General Conditions of Service, available on request or accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company.