

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

Attn: Paul Hipkiss

Test Report No. BTO 312977/1a

Amending Test Report No. BTO 312977/1

Issue Date: 3 March 2023

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

Sample Name: TEARDROP SPONGE

Sample Reference: TEARDROP SPONGE

Sample Description: Foam

Sample Submitted: 20th February 2023

Testing Period: Testing conducted between 24th February 2023 and 27th February 2023

BSEN 71-3:2019+A1:2021

Result:
Pass

Conclusion: The submitted samples as detailed above, complied with the requirements as listed above.

Signed for and on behalf of
SGS United Kingdom Ltd.



Chris Walker, BSc (Hons)
Technical Manager

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APPENDIX A

BSEN 71-3:2019+A1:2021
Migration of Certain Elements

Method: With reference to BSEN 71-3

Analysis of general elements was performed by ICP-MS. Category (III) scraped off toy material.

Adjusted Analytical Results: Results Quoted as mg of soluble element per Kg material.

	Category Limits			Sample Reference
	I	II	III	1
Aluminium (Al)	2250	560	28130	<50
Antimony (Sb)	45	11.3	560	<1
Arsenic (As)	3.8	0.9	47	<0.15
Barium (Ba)	1500	375	18750	<50
Boron (B)	1200	300	15000	<50
Cadmium (Cd)	1.3	0.3	17	<0.15
Chromium (Cr)	-	-	-	<0.053
Chromium (III) (Cr (III)) ^{#1}	37.5	9.4	460	#
Chromium(VI) (Cr (VI)) ^{#2}	0.02	0.005	0.053	#
Cobalt (Co)	10.5	2.6	130	<1
Copper (Cu)	622.5	156	7700	<5
Lead (Pb)	2	0.5	23	<0.5
Manganese (Mn)	1200	300	15000	<50
Mercury (Hg)	7.5	1.9	94	<0.25
Nickel (Ni)	75	18.8	930	<5
Selenium (Se)	37.5	9.4	460	<1
Strontium (Sr)	4500	1125	56000	<50
Tin (Sn)	15000	3750	180000	0.22
Organic Tin	0.9	0.2	12	Not Conducted [^]
Zinc (Zn)	3750	938	46000	<50

Results of Analysis – PASS

Sample Ref:	Sample Description & Location	Category		
		I	II	III
1.	Tear Drop Sponge			✓

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Note : - mg/kg = milligram per kilogram
 - 1% = 10000 mg/kg = 10000 ppm

- # Levels of Soluble Chromium (III) & Chromium (VI) were not separately determined.

The level of Soluble Chromium detected on all samples did not exceed the stricter limit for Chromium (III) as specified in BSEN 71-3:2019+A1:2021

The level of Soluble Chromium detected on the sample did not exceed the stricter limit for Chromium (VI) as specified in BSEN 71-3:2019+A1:2021

#1 – Non UKAS – Chromium (III) levels are determined from: Chromium level – Chromium (VI) level (or reported as <5ppm ~ *whichever is greater*)

#2 – Non UKAS – Chromium (VI) levels assessed and determined by IC-UV method.

- ^ The level of Soluble Organic Tin was not determined.

The level of Soluble Tin, after conversion, detected on the sample did not exceed the stricter limit for Organic Tin as specified in BSEN 71-3:2019+A1:2021

Note: Any statement of conformity made in this report unless otherwise stated in the above test specification(s) is in line with SGS United Kingdom (Bradford) Decision rule BRAD-GEN-049. Details can be found on the following link [17025-requirement-and-approach-to-decision-rule](#)

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