



Test  
TS EN ISO/IEC 17025  
AB-0716-T

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TURT230001927
01-23

## TEST REPORT

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**REPORT NUMBER :** TURT230001927  
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**Attention :** BURAK BERAN ( bberan@gokhanboya.com )  
**SAMPLE DESCRIPTION :** One sample of Liquid Sample (Protect Aqua Teak Brightener)  
**DATE IN :** 5 January ,2023 ( 13:50:00)  
**DATE OUT :** 11 January ,2023  
**SERIAL/LOT NO :** 595-9060

	SAMPLE
TEST	1
Migration of Certain Elements	P

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE / LS = LACK OF SAMPLE / NC = NO COMMENT / I = INCONCLUSIVE / # = SEE RESULT / NF = NEEDS FURTHER TESTING / A = ABSENT / M = MARGINAL ACCEPT / SD = SEE DETAILS ENCLOSED / FS: FURTHER STEPS / SR = SEE RESULT / MA = MINIMUM AMOUNT

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Ezgi Aleyna ARI  
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230001927

Test Method	Results	Requirements
<b>Migration of Certain Elements</b>		
BS EN 71 3:2019+A1:2021		
Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)		
Transparent liquid	Result	Detection Limit
Antimony (Sb)	Not Detected	0.125 ppm
Arsenic (As)	Not Detected	0.125 ppm
Barium (Ba)	Not Detected	0.125 ppm
Cadmium (Cd)	Not Detected	0.125 ppm
Chromium (III)	Not Detected	0.125 ppm
Chromium (VI)	Not Detected	0.0025 ppm
Lead (Pb)	Not Detected	0.125 ppm
Mercury (Hg)	Not Detected	0.0125 ppm
Selenium (Se)	Not Detected	0.125 ppm
Aluminium (Al)	1.1 ppm	0.125 ppm
Boron ( B)	Not Detected	0.125 ppm
Cobalt (Co)	Not Detected	0.125 ppm
Copper (Cu)	2.8 ppm	0.125 ppm
Manganese (Mn)	Not Detected	0.125 ppm
Nickel (Ni)	Not Detected	0.125 ppm
Strontium (Sr)	Not Detected	0.125 ppm
Tin (Sn)	1.7 ppm	0.125 ppm
Organic tin $\Delta$	Not Detected	0.125 ppm
Zinc (Zn)	Not Detected	0.125 ppm
		Requirement
		11.3 ppm
		0.9 ppm
		375 ppm
		0.3 ppm
		9.4 ppm
		0.005 ppm
		0.5 ppm
		1.9 ppm
		9.4 ppm
		560 ppm
		300 ppm
		2.6 ppm
		156 ppm
		300 ppm
		18.8 ppm
		1125 ppm
		3750 ppm
		0.2 ppm
		938 ppm

$\Delta$  = Confirmation test was performed on the tested component. The reported value was the sum of the migration values of Dimethyl tin, Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n- Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin and Triphenyl tin after converted to Tributyl tin by calculation.

ppm (Part per million ) = mg/kg

Estimated Total Uncertainty=( Paper - Chromium VI:  $\pm 10\%$ , Organic Tin:  $\pm 25\%$ , Others: $\pm 22\%$   
Scrapable Coating - Chromium VI:  $\pm 10\%$ , Organic Tin:  $\pm 25\%$ , Others: $\pm 22\%$   
Metal - Chromium VI:  $\pm 10\%$ , Organic Tin:  $\pm 26\%$ , Others: $\pm 22\%$   
Crayons - Chromium VI:  $10\%$ , Organic Tin:  $\pm 26\%$ , Others: $\pm 21\%$   
Plastik - Chromium VI:  $\pm 14\%$ , Organic Tin:  $\pm 24\%$ )

RESULTS

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Hardline



## END OF TEST REPORT ##