



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

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TURT240095674
08-24

## TEST REPORT

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**REPORT NUMBER :** TURT240095674  
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**SAMPLE DESCRIPTION :** One sample of LIQUID ITEM (ESFERA ID PREMIUM SPECIALMATT VARNISH)  
**DATE IN :** 16 August ,2024 ( 16:06:00)  
**DATE OUT :** 21 August ,2024  
**BATCH NO :** 100112148  
**PRODUCTION DATE :** 22.07.2024

TEST	SAMPLE
Migration of Certain Elements	1 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 / MA = MINIMUM AMOUNT**

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240095674

Test Method	Results	Requirements
<b>Migration of Certain Elements</b>		
BS EN 71 3+A1		
Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)		
	Result (ppm)	Detection Limit (ppm)
Antimony (Sb)	Not Detected	0.125
Arsenic (As)	Not Detected	0.125
Barium (Ba)	177.3 ppm	0.125
Cadmium (Cd)	Not Detected	0.125
Chromium (III)	Not Detected	0.125
Chromium (VI)	Not Detected	0.0025
Lead (Pb)	Not Detected	0.125
Mercury (Hg)	Not Detected	0.0125
Selenium (Se)	Not Detected	0.125
Aluminium (Al)	Not Detected	0.125
Boron ( B )	Not Detected	0.125
Cobalt (Co)	Not Detected	0.125
Copper (Cu)	Not Detected	0.125
Manganese (Mn)	Not Detected	0.125
Nickel (Ni)	Not Detected	0.125
Strontium (Sr)	3.8 ppm	0.125
Tin (Sn)	Not Detected	0.125
Organic tin $\Delta$	Not Detected	0.02
Zinc (Zn)	0.7 ppm	0.125
		Requirement (ppm)
		11.3
		0.9
		375
		0.3
		9.4
		0.005
		0.5
		1.9
		9.4
		560
		300
		2.6
		156
		300
		18.8
		1125
		3750
		0.2
		938

$\Delta$  = 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 - Cr VI:  $\pm 10\%$ , Org. Tin:  $\pm 25\%$ , Others:  $\pm 22\%$

Scrapable Coating - Cr VI:  $\pm 10\%$ , Org. Tin:  $\pm 25\%$ , Others:  $\pm 22\%$

Metal - Cr VI:  $\pm 10\%$ , Org. Tin:  $\pm 26\%$ , Others:  $\pm 22\%$

Crayons - Cr VI:  $\pm 10\%$ , Org. Tin:  $\pm 26\%$ , Others:  $\pm 21\%$

Plastik - Cr VI:  $\pm 14\%$ , Org. Tin:  $\pm 24\%$ , Others:  $\pm 23\%$

Liquid Paint - Cr VI:  $\pm 13\%$ , Org. Tin:  $\pm 26\%$ , Others:  $\pm 22\%$

Textile - Cr VI:  $\pm 15\%$ , Org. Tin:  $\pm 25\%$ , Others:  $\pm 23\%$

)

RESULTS

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Hardline



## END OF TEST REPORT ##