

TEST REPORT

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REPORT NUMBER : TURT180230122
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Attention : Işın Mumcu (mumcu67@gmail.com)
SAMPLE DESCRIPTION : One sample of PAMUKKALE 00010718 CP-0001 CHALK PAINT Liquid item
DATE IN : 18 December ,2018 (08:05:00)
DATE OUT : 20 December ,2018
TRADE NAME : PAMUKKALE 00010718 CP-0001 CHALK PAINT

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

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PP



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Test Method	Results	Requirements
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Migration of Certain Elements

BS EN 71-3:2013+A3:2018

Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP_MS

	Result	Detection Limit	Requirement
Antimony (Sb)	Not Detected	0.125 ppm	11.3 ppm
Arsenic (As)	Not Detected	0.125 ppm	0.9 ppm
Barium (Ba)	1.0 ppm	0.125 ppm	375 ppm
Cadmium (Cd)	Not Detected	0.125 ppm	0.3 ppm
Chromium (III)**	Not Detected	0.125 ppm	9.4 ppm
Chromium (VI)**	Not Detected	0.005 ppm	0.005 ppm
Lead (Pb)	Not Detected	0.125 ppm	3.4 ppm
Mercury (Hg)	Not Detected	0.0125 ppm	1.9 ppm
Selenium (Se)	Not Detected	0.125 ppm	9.4 ppm
Aluminium (Al)	0.9 ppm	0.125 ppm	1406 ppm
Boron	2.8 ppm	0.125 ppm	300 ppm
Cobalt (Co)	Not Detected	0.125 ppm	2.6 ppm
Copper (Cu)	Not Detected	0.125 ppm	156 ppm
Manganese (Mn)	0.6 ppm	0.125 ppm	300 ppm
Nickel (Ni)	Not Detected	0.125 ppm	18.8 ppm
Strontium (Sr)	11.8 ppm	0.125 ppm	1125 ppm
Tin (Sn)	Not Detected	1.25 ppm	3750 ppm
Organic tin**	Not Detected	0.125 ppm	0.2 ppm
Zinc (Zn)	Not Detected	0.125 ppm	938 ppm

* * = Unless the test results were marked with "#" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.

= Confirmation of Chromium (VI) test was performed on the tested component. And the reported value of migration of Chromium (III) = migration value of total Chromium - migration value of Chromium(VI).

Δ = Confirmation test was performed on the tested component. The reported value was the sum of the migration values of Methyl tin, Butyl tin, Dibutyl tin, Tributyl 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. Other Organic tin compounds may be also be present in sample as stated in EN71-3:2013+A1:2014.

ppm (Part per million) = mg/kg
< = Less Than
ND = Not Detected

Estimated Total Uncertainty=(±17%)

RESULTS
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END OF TEST REPORT