

**TEST REPORT**

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**REPORT NUMBER :** TURT180069165  
**APPLICANT NAME :** İbavalresa Boya ve Kimya San.Tic.A.Ş.  
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**Attention :** Burkey Kartal ( burkey.kartal@ibavalresa.com.tr )  
**BUYER :** Hardline  
**SAMPLE DESCRIPTION :** One sample of ESFERA Water-Based Special Matte White Paint Kod:703319  
Prt.no:100027091  
**DATE IN :** 10 April ,2018 ( 11:04:00)  
**RESUBMIT DATE :** 11 April ,2018  
**DATE OUT :** 17 April ,2018  
**ORDER NO :** 703319  
**MODEL STYLE NO :** 100027091  
**FIBER COMPOSITION :** Not Given  
**PROVIDED CARE LABEL :** Not Given

TEST	SAMPLE
	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

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Melahat YILDIRIM  
Customer Care Executive

Zeynep AKIN  
Chemical Laboratory Manager

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180069165

Test Method	Results	Requirements
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**Migration of Certain Elements**

BS EN 71-3:2013+A1:2014

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)	Not Detected	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)	222.7 ppm	0.125 ppm	1406 ppm
<b>Boron</b>	Not Detected	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)	Not Detected	0.125 ppm	300 ppm
Nickel (Ni)	Not Detected	0.125 ppm	18.8 ppm
Strontium (Sr)	Not Detected	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

\*The reported value was calculated by summation of the migration values of Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, **Dimethyl tin, Trimethyl tin, Tri-n-octyl tin and Tri-cyclohexyl tin.**

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

Estimated Total Uncertainty=( ±13%)

RESULTS

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Hardline

**Sample**



**Sample**



## END OF TEST REPORT ##

**Intertek Test Hizmetleri A.S.**

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