



TEST REPORT

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REPORT NUMBER : TURT180069168
APPLICANT NAME : İbavalresa Boya ve Kimya San.Tic.A.Ş.
ADDRESS : 1. O.S.B. Oğuz Cd. No:24 Sincan Ankara / TURKEY
TEL:0312 267 56 22FAX:0312 267 56 29
Attention : Burkey Kartal (burkey.kartal@ibavalresa.com.tr)
BUYER : Hardline
SAMPLE DESCRIPTION : One sample of ESFERA Water-Based Varnish Kod:700201 Prt.no:100023324
DATE IN : 10 April ,2018 (11:05:00)
RESUBMIT DATE : 11 April ,2018
DATE OUT : 17 April ,2018
ORDER NO : 700201
MODEL STYLE NO : 100023324
FIBER COMPOSITION : Not Given
PROVIDED CARE LABEL : Not Given

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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Melihat

AKIN

Melihat YILDIRIM
Customer Care Executive

Zeynep AKIN
Chemical Laboratory Manager

Intertek Test Hizmetleri A.S.
Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna-34197 /ISTANBUL
Phone : +90 212 496 46 46 Fax: +90 212 452 80 55
e-mail : intertekcg.turkiye@intertek.com
<http://www.intertek-turkey.com>



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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)	2.6 ppm	0.125 ppm	1406 ppm
Boron	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)	1.6 ppm	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, Tetra-butyl 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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END OF TEST REPORT