



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

AB-0716-T
TURT210054016
04-21

## TEST REPORT

Page 1 of 4

**REPORT NUMBER :** TURT210054016  
**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 )

### SAMPLE DESCRIPTION :

- Sample 1 One sample of R1023 Chrome yellow  
Sample 2 One sample of R3020 Flag red

**DATE IN :** 14 April ,2021 ( 16:43:00)

**DATE OUT :** 21 April ,2021

**NOTE :** Only dyes were tested by the request of applicant.

TEST	SAMPLE	
	1	2
Migration of Certain Elements	P	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

This report (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the report and solely for the purpose for which it is provided and on the basis of instructions and information and/or materials supplied by Intertek's Customer. The test results relate only to the specific items tested and are not intended to be a recommendation for any particular course of action. Customer is responsible for acting as it sees fit on the basis of such results. Unless Intertek provide express prior written consent, no part of this report should be reproduced, distributed or communicated to any third party, nor could it be used for PR activities. Intertek do not accept any liability if this report is used for an alternative purpose from which it is intended, nor do Intertek owe any duty of care to any third party in respect of this report. Except where explicitly agreed in writing, all work and services performed is governed by Intertek Standard Terms and Conditions of Service which is available on request or can be obtained at <http://www.intertek.com/terms>. Testing reports without signature are not valid. The sample has been provided by the customer and the results apply to the sample as received. Sample information is supplied by the customer. Unless otherwise requested, this laboratory applies shared risk decision rule. Unless otherwise is specified, all Pass or Fail results are given without uncertainty considered. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with ISO/IEC 17025 and TÜRKAK accreditation requirements. Tests marked (\*) in this test report are not included in the TÜRKAK accreditation schedule for this laboratory. Intertek accredited by TÜRKAK under registration number [AB-0716-T] for [TS EN ISO IEC 17025] as test laboratory. Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Ezgi Aleyna ARI  
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](mailto:intertekcg.turkiye@intertek.com)  
<http://www.intertek-turkey.com>



210054016

Test Method	Results	Requirements
-------------	---------	--------------

### Migration of Certain Elements

BS EN 71 3:2019

Acid extraction method determined by Inductively Coupled Plasma - Mass Spectrometer (ICP / MS)

#### Sample 1

	Result	Detection Limit	Requirement
Antimony (Sb)	Not Detected	0.125 ppm	11.3 ppm
Arsenic (As)	0.24 ppm	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	0.0025 ppm	0.005 ppm
Lead (Pb)	Not Detected	0.125 ppm	0.5 ppm
Mercury (Hg)	Not Detected	0.0125 ppm	1.9 ppm
Selenium (Se)	Not Detected	0.125 ppm	9.4 ppm
Aluminium (Al)	16.6 ppm	0.125 ppm	1406 ppm
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	0.125 ppm	3750 ppm
Organic tin $\Delta$	Not Detected	0.125 ppm	0.2 ppm
Zinc (Zn)	0.4 ppm	0.125 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=( Liquid Paint:  $\pm 17\%$  ; Scrapable coating:  $\pm 17\%$  ; Paper:  $\pm 17\%$  ; Plastic:  $\pm 17\%$  ; Textile:  $\pm 17\%$  ; Metal:  $\pm 17\%$  ; Dewax:  $\pm 17\%$ )

Test Method	Results	Requirements
-------------	---------	--------------

### Migration of Certain Elements

BS EN 71 3:2019

Acid extraction method determined by Inductively Coupled Plasma - Mass Spectrometer (ICP / MS)

#### Sample 2

	Result	Detection Limit	Requirement
Antimony (Sb)	Not Detected	0.125 ppm	11.3 ppm
Arsenic (As)	0.2 ppm	0.125 ppm	0.9 ppm
Barium (Ba)	0.5 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	0.0025 ppm	0.005 ppm
Lead (Pb)	Not Detected	0.125 ppm	0.5 ppm
Mercury (Hg)	Not Detected	0.0125 ppm	1.9 ppm
Selenium (Se)	Not Detected	0.125 ppm	9.4 ppm
Aluminium (Al)	1 ppm	0.125 ppm	1406 ppm
Boron ( B)	Not Detected	0.125 ppm	300 ppm
Cobalt (Co)	0.2 ppm	0.125 ppm	2.6 ppm
Copper (Cu)	Not Detected	0.125 ppm	156 ppm
Manganese (Mn)	200.7 ppm	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	0.125 ppm	3750 ppm
Organic tin $\Delta$	Not Detected	0.125 ppm	0.2 ppm
Zinc (Zn)	0.7 ppm	0.125 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=( Liquid Paint:  $\pm 17\%$  ; Scrapable coating:  $\pm 17\%$  ; Paper:  $\pm 17\%$  ; Plastic:  $\pm 17\%$  ; Textile:  $\pm 17\%$  ; Metal:  $\pm 17\%$  ; Dewax:  $\pm 17\%$ )

RESULTS

REPORT :TURT210054016

Page 4 of 4

21 April ,2021

Hardline

**Sample 1**



**Sample 2**



---

## END OF TEST REPORT ##