

TEST RAPORU

İş No./Rapor No TR289863 R2

Tarih:19 Ocak 2011

Sayfa 1 of 15

FIMA KIRTASIYE BIL HIZ YAY KIT TUR DIS TIC LTD.STI
ISTOC TICARET MERKEZI 3 YOLSK PETROL PLAZA KAT 5 MAHMUTBEY ISTANBUL
TEL: 0212 6597441
FAX: 02126597442
Hatice Abak'ın Dikkatine

Ürünler müşteri adına tanımlanıp aşağıdaki gibi düzenlenmiştir:

Numune No.	Numune Tanımı
A	Sulu Boya

Müşteri Referans No : TR 289863
Alıcı : Hardline
Referans No. : LSB16, LSB-12,LSB-8
Üretici : FIMA KIRTASIYE
Numunenin Alındığı Tarih : 1 August 2011
Test Süresi : 1 August 2011 ~ 10 August 2011
Genel Sonuç : GEÇTİ
Test Sonuçları : Lütfen Diğer Sayfaları Kontrol Ediniz
Gerçekleştirilen Testlerin Özeti Seçilen testler müşterinin standardına bağlı olarak müşteri tarafından istenmiştir.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only."

TEST RAPORU

İş No./Rapor No TR289863 R2

Tarih:19 Ocak 2011

Sayfa 2 of 15

Test Parametereleri	Sonuç					
	<u>1 + 2 + 3</u>	<u>10 + 11 + 12</u>	<u>13 + 14 + 15</u>	<u>16</u>	<u>17 + 18</u>	<u>4 + 5 + 6</u>
Kimyasal Testler						
Azo Dyes (Textile)	#	G	G	G	-	G
Phthalates	G	G	G	G	G	G
Azo Dyes (Textile LFGB)	G	-	-	-	-	-
Allergenous Disperse Dyes	G	G	G	G	-	G
Migration of Certain Elements	G	G	G	G	G	G

Test Parametereleri	Sonuç			
	<u>7</u>	<u>7 + 8 + 9</u>	<u>8</u>	<u>9</u>
Kimyasal Testler				
Azo Dyes (Textile)	G	#	G	G
Phthalates	-	G	-	-
Allergenous Disperse Dyes	-	G	-	-
Migration of Certain Elements	-	G	-	-

Test Parametereleri	Sonuç				
	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>
Kimyasal Testler					
Allergenous Disperse Dyes	G	G	-	-	**
Migration of Certain Elements	G	G	G	**	**

****Bu ürünler yetersiz olduğu için test edilememiştir.**

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only."

TEST RAPORU

İş No./Rapor No TR289863 R2

Tarih:19 Ocak 2011

Sayfa 3 of 15

Remarks	:	G = Müşteri standardına uygun
		K = Müşteri standardına uygun değil
		* = Sınır değer belirtilmedi
		# = For 2-composite mix with results exceeding one half of the relevant requirements or 3-composite mix with results exceeding one third of the relevant requirements, the composite sample may have the possibility of one or more components that can lead to a failure result, therefore, it is recommended to test on individual basis.
Notes:	Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s).	
	The composite sampling method is based on the client's special request and is a modification from the testing standard.	

The test results relate to the tested items only.
Test reports without SGS seal and authorised signatures are invalid.
Reported results do not include uncertainties.
The reported expanded 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 UKAS and DAkKS requirements.
In this Test Report tests marked (1) are included in the UKAS Accreditation Scope, marked (2) are included in the DAkKS Accreditation Scope of this Laboratory. Opinions and interpretations expressed herein are outside the scope of UKAS or DAkKS Accreditation.

NOTE: IN THIS REVISED-2 REPORT, MIGRATION OF CERTAIN ELEMENTS AND ALLERGENOUS DISPERSE DYES TEST RESULTS WERE ADDED BY THE REQUEST OF THE APPLICANT.

THIS REPORT SUPERSEDES OUR REPORT NO: 289863 R1 DATED 15.08.2011

Issued in İstanbul
Signed for and on behalf of
SGS Supervise Gözetme Etüd
Kontrol Servisleri A.Ş.

Nilay Gültekin
Customer Services Team Leader

Ayşe Çimen
Customer Services Manager




"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only."

SGS Supervise Gözetme Etüd Kontrol
Servisleri A. Ş.

Abide-i Hürriyet Cad. Geçit Sk. No : 10 K: 1-2-3-4, Şişli 34381
T (90-212) 368 40 00 F (90-212) 296 47 82/83

İstanbul – Turkey
www.tr.sgs.com

Member of SGS Group (Société Générale de Surveillance)

Component List / List of Materials for Chemical Test

Sample No.	Sample Description	Sample Colour	Material No.	Component	Material	Colour
A	water colour	White	1	water colour	Dye	White
A	water colour	light yellow	2	water colour	Dye	light yellow
A	water colour	Yellow	3	water colour	Dye	Yellow
A	water colour	Light brown	4	water colour	Dye	Light brown
A	water colour	Light green	5	water colour	Dye	Light green
A	water colour	Green	6	water colour	Dye	Green
A	water colour	Orange	7	water colour	Dye	Orange
A	water colour	Red	8	water colour	Dye	Red
A	water colour	dark pink	9	water colour	Dye	dark pink
A	water colour	Lillac	10	water colour	Dye	Lillac
A	water colour	Pink	11	water colour	Dye	Pink
A	water colour	Light Pink	12	water colour	Dye	Light Pink
A	water colour	Light blue	13	water colour	Dye	Light blue
A	water colour	Dark Blue	14	water colour	Dye	Dark Blue
A	water colour	Brown	15	water colour	Dye	Brown
A	water colour	Black	16	water colour	Dye	Black
A	water colour	Clear	17	plastic part	Plastic	Clear
A	water colour	Blue	18	plastic part	Plastic	Blue
A	water colour	Red -white-black	19	Red white black back papaer cover	Paper	Red -white-black
A	water colour	Multicolour	20	Printed paper cover	Paper	Multicolour
A	water colour	Black	21	Black part of brush	Wood	Black
A	water colour	Silver	22	Metallic part of brush	Metallic	Silver
A	water colour	Brown	23	Tassel of brush	-	Brown

TEST RAPORU

İş No./Rapor No TR289863 R2

Tarih:19 Ocak 2011

Sayfa 5 of 15

Detail Test Result:

Azo Dyes (Textile)?

Test Method: ACCORDING TO BS EN 14362-1:2003 - ANALYSIS BY GC-MS/HPLC-DAD

Component	Cas No	10 + 11 + 12	13 + 14 + 15	16	4 + 5 + 6
4-Aminobiphenyl	92-67-1	n.d.	n.d.	n.d.	n.d.
Benzidine	92-87-5	n.d.	n.d.	n.d.	n.d.
4-Chlor-o-toluidine	95-69-2	n.d.	n.d.	n.d.	n.d.
2-Naphthylamine	91-59-8	n.d.	n.d.	n.d.	n.d.
o-Aminoazotoluene	97-56-3	n.d.	n.d.	n.d.	n.d.
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	n.d.	n.d.	n.d.	n.d.
4-Chloroaniline	106-47-8	n.d.	n.d.	n.d.	n.d.
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisoole	615-05-4	n.d.	n.d.	n.d.	n.d.
4,4'-Diaminodiphenylmethane	101-77-9	n.d.	n.d.	n.d.	n.d.
3,3'-Dichlorobenzidine	91-94-1	n.d.	n.d.	n.d.	n.d.
3,3'-Dimethoxybenzidine	119-90-4	n.d.	n.d.	n.d.	n.d.
3,3'-Dimethylbenzidine	119-93-7	n.d.	n.d.	n.d.	n.d.
4,4'-methylenedi-o-toluidine /					
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	n.d.	n.d.	n.d.	n.d.
p-Cresidine	120-71-8	n.d.	n.d.	n.d.	n.d.
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	n.d.	n.d.	n.d.	n.d.
4,4'-Oxydianiline	101-80-4	n.d.	n.d.	n.d.	n.d.
4,4'-Thiodianiline	139-65-1	n.d.	n.d.	n.d.	n.d.
o-Toluidine	95-53-4	n.d.	n.d.	n.d.	n.d.
4-methyl-m-phenylenediamine / 2,4-Toluylendiamine	95-80-7	n.d.	n.d.	n.d.	n.d.
2,4,5-Trimethylaniline	137-17-7	n.d.	n.d.	n.d.	n.d.
**4-aminoazobenzene	60-09-3	n.d.	n.d.	n.d.	n.d.
O-Anisidine	90-04-0	n.d.	n.d.	n.d.	n.d.
	Sonuç	Geçti	Geçti	Geçti	Geçti

Note(s):

n.d. = not detected

* = exceed the limit

Detection Limit = 5 mg/kg (for individual compound)

Requirement by the client= 30mg/kg

Remark: ** Test result for 4-aminoazobenzene (CAS no.: 60-09-3) is considered as "not detected" (i.e. <5mg/kg) since both aniline and/or 1,4-phenylenediamine is not found (i.e. <5mg/kg) by mentioned test method.

Max. limit specified by EU directive 2002/61/EC

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only."

Azo Dyes (Textile)?

Test Method: ACCORDING TO BS EN 14362-1:2003 - ANALYSIS BY GC-MS/HPLC-DAD

Component	Cas No	8	9
4-Aminobiphenyl	92-67-1	n.d.	n.d.
Benzidine	92-87-5	n.d.	n.d.
4-Chlor-o-toluidine	95-69-2	n.d.	n.d.
2-Naphthylamine	91-59-8	n.d.	n.d.
o-Aminoazotoluene	97-56-3	n.d.	n.d.
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	n.d.	n.d.
4-Chloroaniline	106-47-8	n.d.	n.d.
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisol	615-05-4	n.d.	n.d.
4,4'-Diaminodiphenylmethane	101-77-9	n.d.	n.d.
3,3'-Dichlorobenzidine	91-94-1	n.d.	n.d.
3,3'-Dimethoxybenzidine	119-90-4	n.d.	n.d.
3,3'-Dimethylbenzidine	119-93-7	n.d.	n.d.
4,4'-methylenedi-o-toluidine /			
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	n.d.	n.d.
p-Cresidine	120-71-8	n.d.	n.d.
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	n.d.	n.d.
4,4'-Oxydianiline	101-80-4	n.d.	n.d.
4,4'-Thiodianiline	139-65-1	n.d.	n.d.
o-Toluidine	95-53-4	n.d.	n.d.
4-methyl-m-phenylenediamine / 2,4-Toluylendiamine	95-80-7	n.d.	n.d.
2,4,5-Trimethylaniline	137-17-7	n.d.	n.d.
**4-aminoazobenzene	60-09-3	n.d.	n.d.
O-Anisidine	90-04-0	n.d.	n.d.
	Sonuç	Geçti	Geçti

Note(s):

n.d. = not detected

* = exceed the limit

Detection Limit = 5 mg/kg (for individual compound)

Requirement by the client= 30 mg/kg

Remark: ** Test result for 4-aminoazobenzene (CAS no.: 60-09-3) is considered as "not detected" (i.e. <5mg/kg) since both aniline and/or 1,4-phenylenediamine is not found (i.e. <5mg/kg) by mentioned test method.
Max. limit specified by EU directive 2002/61/EC

TEST RAPORU

İş No./Rapor No TR289863 R2

Tarih:19 Ocak 2011

Sayfa 7 of 15

Phthalates²

Test Method:

WITH REFERENCE TO ASTM D3421:1975 - ANALYSIS BY GC/MS

Component

Cas No

1 + 2 + 3

10 + 11 + 12

13 + 14 + 15

16

17 + 18

4 + 5 + 6

Component	Cas No	1 + 2 + 3	10 + 11 + 12	13 + 14 + 15	16	17 + 18	4 + 5 + 6
Dibutyl Phthalate (DBP)	84-74-2	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Benzylbutyl Phthalate (BBP)	85-68-7	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Diisononyl Phthalate (DINP)	28553-12-0	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Di-n-octyl Phthalate (DNOP)	117-84-0	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Diisodecyl Phthalate (DIDP)	26761-40-0	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.

Sonuç

Geçti

Geçti

Geçti

Geçti

Geçti

Geçti

Note(s):

* Composite test has been performed as per the special request of client

n.d. = not detected

* = exceed the limit

< = less than

Detection Limit = For DBP, BBP, DEHP and DNOP: 0,003%, For DINP, DIDP: 0,01% (for individual compound)

Recommended Max. Limit=

0,1 % for Total (DBP+BBP+DEHP) For all childcare articles

0,1 % for Total (DINP+DNOP+DIDP) For childcare articles if it can be placed in the mouth

Remark:

Recommended Max. limit specified by entries 51 and 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC).

TEST RAPORU

İş No./Rapor No TR289863 R2

Tarih:19 Ocak 2011

Sayfa 8 of 15

Phthalates²

Test Method: WITH REFERENCE TO ASTM D3421:1975 - ANALYSIS BY GC/MS

<u>Component</u>	<u>Cas No</u>	<u>7 + 8 + 9</u>
Dibutyl Phthalate (DBP)	84-74-2	n.d.
Benzylbutyl Phthalate (BBP)	85-68-7	n.d.
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	n.d.
Diisononyl Phthalate (DINP)	28553-12-0	n.d.
Di-n-octyl Phthalate (DNOP)	117-84-0	n.d.
Diisodecyl Phthalate (DIDP)	26761-40-0	n.d.

Sonuç

Geçti

Note(s):

* Composite test has been performed as per the special request of client

n.d. = not detected

* = exceed the limit

< = less than

Detection Limit = For DBP, BBP, DEHP and DNOP: 0,003%, For DINP, DIDP: 0,01% (for individual compound)

Recommended Max. Limit=

0,1 % for Total (DBP+BBP+DEHP) For all childcare articles

0,1 % for Total (DINP+DNOP+DIDP) For childcare articles if it can be placed in the mouth

Remark:

Recommended Max. limit specified by entries 51 and 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC).

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only."

TEST RAPORU

İş No./Rapor No TR289863 R2

Tarih:19 Ocak 2011

Sayfa 9 of 15

Azo Dyes (Textile LFGB)²

Test Method: ACCORDING TO BS EN 14362-1:2003 § 64 LFGB BVL B 82.02-9:2008 - ANALYSIS BY GC-MS

<u>Component</u>	<u>Cas No</u>	<u>1 + 2 + 3</u>
4-Aminobiphenyl	92-67-1	n.d.
Benzidine	92-87-5	n.d.
4-Chlor-o-toluidine	95-69-2	n.d.
2-Naphthylamine	91-59-8	n.d.
o-Aminoazotoluene	97-56-3	n.d.
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	n.d.
4-Chloroaniline	106-47-8	n.d.
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisol	615-05-4	n.d.
4,4'-Diaminodiphenylmethane	101-77-9	n.d.
3,3'-Dichlorobenzidine	91-94-1	n.d.
3,3'-Dimethoxybenzidine	119-90-4	n.d.
3,3'-Dimethylbenzidine	119-93-7	n.d.
4,4'-methylenedi-o-toluidine /		
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	n.d.
p-Cresidine	120-71-8	n.d.
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	n.d.
4,4'-Oxydianiline	101-80-4	n.d.
4,4'-Thiodianiline	139-65-1	n.d.
o-Toluidine	95-53-4	n.d.
4-methyl-m-phenylenediamine / 2,4-Toluylendiamine	95-80-7	n.d.
2,4,5-Trimethylaniline	137-17-7	n.d.
*4-aminoazobenzene	60-09-3	n.d.
O-Anisidine	90-04-0	n.d.
	Sonuç	Geçti

Note(s):

n.d. = not detected

* = exceed the limit

Detection Limit = 5 mg/kg (for individual compound)

Requirement by the client= 30 mg/kg

Remark: * The BS EN 14362-1 method will enable further cleavage of 4-aminoazobenzene to non-forbidden amines: aniline and 1,4-phenylenediamine, therefore, the test method of § 64 LFGB, BVL, B 82.02.9 was employed to verify the presence of 4-aminoazobenzene.

Max. limit specified by EU directive 2002/61/EC

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only."

TEST RAPORU

İş No./Rapor No TR289863 R2

Tarih:19 Ocak 2011

Sayfa 10 of 15

Allergenous Disperse Dyes²

Test Method: WITH REFERENCE TO DIN 54231 :2005 - ANALYSİS BY LC-DAD/MSD

Component	Cas No	1 + 2 + 3	10 + 11 + 12	13 + 14 + 15	16	19	20
C.I. Disperse Blue 1 (Structure No: C.I. 64 500)	2475-45-8	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Blue 3 (Structure No: C.I. 61 505)	2475-46-9	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Blue 7 (Structure No: C.I. 62 500)	3179-90-6	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Blue 26 (Structure No: C.I. 63 305)	3860-63-7	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Blue 35	56524-77-7 56524-76-6	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Blue 102	12222-97-8	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Blue 106	12223-01-7	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Blue 124	61951-51-7	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Brown 1	23355-64-8	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Orange 1 (Structure No: C.I. 11 080)	2581-69-3	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Orange 3 (Structure No: C.I. 11 005)	730-40-5	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Orange 37/76	13301-61-6	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Red 1 (Structure No: C.I. 11 110)	2872-52-8	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Red 11 (Structure No: C.I. 62 015)	2872-48-2	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Red 17 (Structure No: C.I. 11 210)	3179-89-3	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Yellow 1 (Structure No: C.I. 10 345)	119-15-3	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Yellow 3 (Structure No: C.I. 11 855)	2832-40-8	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Yellow 9 (Structure No: C.I. 10 375)	6373-73-5	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Yellow 23	6250-23-3	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Yellow 39	--	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Yellow 49	54824-37-2	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Orange 149	85136-74-9	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
	Sonuç	Geçti	Geçti	Geçti	Geçti	Geçti	Geçti

Note(s):

Results reported on sample extract only. The unit of result is mg/L.

n.d. = not detected

* = exceed the limit

< = less than

Detection Limit = 15 mg/kg (for individual compound)

Requirement by the client=

Not detected

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only."

TEST RAPORU

İş No./Rapor No TR289863 R2

Tarih:19 Ocak 2011

Sayfa 11 of 15

Allergenous Disperse Dyes²

Test Method: WITH REFERENCE TO DIN 54231 :2005 - ANALYSIS BY LC-DAD/MSD

Component	Cas No	4 + 5 + 6	7 + 8 + 9	23
C.I. Disperse Blue 1 (Structure No: C.I. 64 500)	2475-45-8	n.d.	n.d.	
C.I. Disperse Blue 3 (Structure No: C.I. 61 505)	2475-46-9	n.d.	n.d.	
C.I. Disperse Blue 7 (Structure No: C.I. 62 500)	3179-90-6	n.d.	n.d.	
C.I. Disperse Blue 26 (Structure No: C.I. 63 305)	3860-63-7	n.d.	n.d.	
C.I. Disperse Blue 35	56524-77-7	n.d.	n.d.	
	56524-76-6	n.d.	n.d.	
C.I. Disperse Blue 102	12222-97-8	n.d.	n.d.	
C.I. Disperse Blue 106	12223-01-7	n.d.	n.d.	
C.I. Disperse Blue 124	61951-51-7	n.d.	n.d.	
C.I. Disperse Brown 1	23355-64-8	n.d.	n.d.	
C.I. Disperse Orange 1 (Structure No: C.I. 11 080)	2581-69-3	n.d.	n.d.	
C.I. Disperse Orange 3 (Structure No: C.I. 11 005)	730-40-5	n.d.	n.d.	
C.I. Disperse Orange 37/76	13301-61-6	n.d.	n.d.	#
C.I. Disperse Red 1 (Structure No: C.I. 11 110)	2872-52-8	n.d.	n.d.	
C.I. Disperse Red 11 (Structure No: C.I. 62 015)	2872-48-2	n.d.	n.d.	
C.I. Disperse Red 17 (Structure No: C.I. 11 210)	3179-89-3	n.d.	n.d.	
C.I. Disperse Yellow 1 (Structure No: C.I. 10 345)	119-15-3	n.d.	n.d.	
C.I. Disperse Yellow 3 (Structure No: C.I. 11 855)	2832-40-8	n.d.	n.d.	
C.I. Disperse Yellow 9 (Structure No: C.I. 10 375)	6373-73-5	n.d.	n.d.	
C.I. Disperse Yellow 23	6250-23-3	n.d.	n.d.	
C.I. Disperse Yellow 39	--	n.d.	n.d.	
C.I. Disperse Yellow 49	54824-37-2	n.d.	n.d.	
C.I. Disperse Orange 149	85136-74-9	n.d.	n.d.	
	Sonuç	Geçti	Geçti	

Note(s):

Results reported on sample extract only. The unit of result is mg/L.

n.d. = not detected

* = exceed the limit

< = less than

Detection Limit = 15 mg/kg (for individual compound)

Requirement by the client=

Not detected

****Bu ürünler yetersiz olduğu için test edilememiştir.**

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only."

TEST RAPORU

İş No./Rapor No TR289863 R2

Tarih:19 Ocak 2011

Sayfa 12 of 15

Migration of Certain Elements²

Test Method: WITH REFERENCE TO BS EN 71-3:1995 BS 5665-3:1995 - ANALYSED BY ICP-OES/MS

Component	1 + 2 + 3	10 + 11 + 12	13 + 14 + 15	16	17 + 18	19
Antimony (Sb)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Arsenic (As)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Cadmium (Cd)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Chromium (Cr)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Lead (Pb)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Mercury (Hg)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Barium (Ba)	14.1 mg/kg	n.d.	n.d.	n.d.	n.d.	n.d.
Selenium (Se)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
	Sonuç	Geçti	Geçti	Geçti	Geçti	Geçti

Note(s):

n.d. = not detected

* = exceed the limit

< = less than

Detection Limit = Sb: 5 mg/kg, As: 2,5 mg/kg, Ba: 10 mg/kg, Cd: 5 mg/kg, Cr: 5 mg/kg, Pb: 5 mg/kg, Hg: 5 mg/kg, Se: 10 mg/kg

Requirement by the client=	
Arsenic (As)	25 mg/kg
Cadmium (Cd)	75 mg/kg
Antimony (Sb)	60 mg/kg
Mercury (Hg)	60 mg/kg
Barium(Ba)	1000 mg/kg
Selenium (Se)	500 mg/kg
Lead(Pb)	90 mg/kg
Chromium(Cr)	60 mg/kg

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only."

TEST RAPORU

İş No./Rapor No TR289863 R2

Tarih:19 Ocak 2011

Sayfa 13 of 15

Migration of Certain Elements²

Test Method: WITH REFERENCE TO BS EN 71-3:1995 BS 5665-3:1995 - ANALYSED BY ICP-OES/MS

Component	20	21	4 + 5 + 6	7 + 8 + 9
Antimony (Sb)	n.d.	n.d.	n.d.	n.d.
Arsenic (As)	n.d.	n.d.	n.d.	n.d.
Cadmium (Cd)	n.d.	n.d.	n.d.	n.d.
Chromium (Cr)	n.d.	n.d.	n.d.	n.d.
Lead (Pb)	n.d.	n.d.	n.d.	n.d.
Mercury (Hg)	n.d.	n.d.	n.d.	n.d.
Barium (Ba)	n.d.	n.d.	23.1 mg/kg	n.d.
Selenium (Se)	n.d.	n.d.	n.d.	n.d.
	Sonuç	Geçti	Geçti	Geçti

Note(s):

n.d. = not detected

* = exceed the limit

< = less than

Detection Limit = Sb: 5 mg/kg, As: 2,5 mg/kg, Ba: 10 mg/kg, Cd: 5 mg/kg, Cr: 5 mg/kg, Pb: 5 mg/kg, Hg: 5 mg/kg, Se: 10 mg/kg

Requirement by the client=

Arsenic (As)	25 mg/kg
Cadmium (Cd)	75 mg/kg
Antimony (Sb)	60 mg/kg
Mercury (Hg)	60 mg/kg
Barium(Ba)	1000 mg/kg
Selenium (Se)	500 mg/kg
Lead(Pb)	90 mg/kg
Chromium(Cr)	60 mg/kg

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only."

TEST RAPORU

İş No./Rapor No TR289863 R2

Tarih:19 Ocak 2011

Sayfa 14 of 15

Migration of Certain Elements²

Test Method: WITH REFERENCE TO BS EN 71-3:1995 BS 5665-3:1995 - ANALYSED BY ICP-OES/MS

<u>Component</u>	<u>22</u>	<u>23</u>
Antimony (Sb)		
Arsenic (As)		
Cadmium (Cd)		
Chromium (Cr)		
Lead (Pb)	#	#
Mercury (Hg)		
Barium (Ba)		
Selenium (Se)		

Sonuç

Note(s):

n.d. = not detected
 * = exceed the limit
 < = less than

Detection Limit = Sb: 5 mg/kg, As: 2,5 mg/kg, Ba: 10 mg/kg, Cd: 5 mg/kg, Cr: 5 mg/kg, Pb: 5 mg/kg, Hg: 5 mg/kg, Se: 10 mg/kg

Requirement by the client=

Arsenic (As)	25 mg/kg
Cadmium (Cd)	75 mg/kg
Antimony (Sb)	60 mg/kg
Mercury (Hg)	60 mg/kg
Barium(Ba)	1000 mg/kg
Selenium (Se)	500 mg/kg
Lead(Pb)	90 mg/kg
Chromium(Cr)	60 mg/kg

****Bu ürünler yetersiz olduğu için test edilememiştir.**

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only."



* * * End of Test Report * * *

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only."