

**TEST RAPORU**

İş No./Rapor No TR289861 R2

Tarih:11 Ocak 2012

Sayfa 1 of 18

**FIMA KIRTASIYE BİL HİZ YAY KİT TUR DİS TİC LTD.STİ**  
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TEL: 0212 6597441  
FAX: 02126597442  
**Hatice Abak'ın Dikkatine**

Ürünler müşteri adına tanımlanıp aşağıdaki gibi düzenlenmiştir:

Numune No.	Numune Tanımı
A	Pastel boyalar

Müşteri Referans No : TR 289861  
Alıcı : Hardline  
Sipariş No : Belirtilmemiş  
Model/Stil No. : Belirtilmemiş  
Referans No. : LC36-LC24-L6012 –L6024- LC18  
Yaş Aralığı : Belirtilmemiş  
Üretici : FIMA KIRTASIYE  
Menşei ülke : Belirtilmemiş  
İhraç Edilecek Ülke : Belirtilmemiş  
Gönderi Tarihi : Belirtilmemiş  
Numunenin Alındığı Tarih : 1 Ağustos 2011  
Test Süresi : 1 Ağustos 2011 ~ 9 Ağustos 2011  
**Yıkama Talimatı Bilgisi :** : Belirtilmemiş

**Genel Sonuç** : **GEÇTİ**

Test Sonuçları : Lütfen Diğer Sayfaları Kontrol Ediniz

**Gerçekleştirilen Testlerin Özeti** Seçilen testler müşterinin standardına bağlı olarak müşteri tarafından istenmiştir.

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Test Parametreleri	Sonuç					
<b>Kimyasal Testler</b>	<u>1 + 2 + 3</u>	<u>10 + 11 + 12</u>	<u>13 + 14 + 15</u>	<u>16 + 17 + 18</u>	<u>19 + 20 + 21</u>	<u>22 + 23 + 24</u>
Azo Dyes (Textile)	G	G	G	G	G	G
Phthalates	G	G	G	G	G	G
Allergenous Disperse Dyes	G	G	G	G	G	G
Migration of Certain Elements	G	G	G	G	G	G

Test Parametreleri	Sonuç					
<b>Kimyasal Testler</b>	<u>25 + 26 + 27</u>	<u>28 + 29 + 30</u>	<u>31 + 32 + 33</u>	<u>34 + 35 + 36</u>	<u>37</u>	<u>38</u>
Azo Dyes (Textile)	G	G	G	G	-	-
Phthalates	G	G	G	G	-	-
Allergenous Disperse Dyes	G	G	G	G	-	G
Migration of Certain Elements	G	G	G	G	G	G

Test Parametreleri	Sonuç			
<b>Kimyasal Testler</b>	<u>39 + 40</u>	<u>4 + 5 + 6</u>	<u>41 + 42 + 43</u>	<u>7 + 8 + 9</u>
Azo Dyes (Textile)	-	G	-	G
Phthalates	-	G	-	G
Allergenous Disperse Dyes	-	G	-	G
Migration of Certain Elements	G	G	G	G

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Remarks	:	G = Müşteri standardına uygun
		K = Müşteri standardına uygun değil
		* = Sınır değeri belirtilmedi
Notes:	Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s).	
<p>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.</p> <p><b>IN THIS REVISED-2 REPORT ALLERGENOUS DISPERSE DYES AND MIGRATION OF CERTAIN ELEMENTS TESTS WERE ADDED BY THE REQUEST OF THE APPLICANT.</b> <b>THIS REPORT SUPERSEDES OUR REPORT NO: 289861 R1 DATED 8.9..2011</b></p> <p>Issued in Istanbul Signed for and on behalf of SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.</p>		
Nilay Gültekin Customer Services Team Leader		Ayşe Çimen Customer Services Manager
 		

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## TEST RAPORU

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### Component List / List of Materials for Chemical Test

Sample No.	Sample Description	Sample Colour	Material No.	Component	Material	Colour
A	Oil pastels	White	1	Dye	Dye	White
A	Oil pastels	Yellow	2	Dye	Dye	Yellow
A	Oil pastels	Dark Yellow	3	Dye	Dye	Dark Yellow
A	Oil pastels	Light orange	4	Dye	Dye	Light orange
A	Oil pastels	Orange	5	Dye	Dye	Orange
A	Oil pastels	Dark Orange	6	Dye	Dye	Dark Orange
A	Oil pastels	Light red	7	Dye	Dye	Light red
A	Oil pastels	Red	8	Dye	Dye	Red
A	Oil pastels	Dark Red	9	Dye	Dye	Dark Red
A	Oil pastels	Flesh colour	10	Dye	Dye	Flesh colour
A	Oil pastels	Light pink	11	Dye	Dye	Light pink
A	Oil pastels	pink	12	Dye	Dye	pink
A	Oil pastels	Dark Pink	13	Dye	Dye	Dark Pink
A	Oil pastels	Mustard	14	Dye	Dye	Mustard
A	Oil pastels	Light brown	15	Dye	Dye	Light brown
A	Oil pastels	Brown	16	Dye	Dye	Brown
A	Oil pastels	Dark Brown	17	Dye	Dye	Dark Brown
A	Oil pastels	Light blue	18	Dye	Dye	Light blue
A	Oil pastels	Fluorescent Blue	19	Dye	Dye	Fluorescent Blue
A	Oil pastels	Blue	20	Dye	Dye	Blue
A	Oil pastels	Dark Brown	21	Dye	Dye	Dark Brown
A	Oil pastels	Fluorescent green	22	Dye	Dye	Fluorescent green
A	Oil pastels	Light green	23	Dye	Dye	Light green
A	Oil pastels	Green	24	Dye	Dye	Green
A	Oil pastels	Dark Green	25	Dye	Dye	Dark Green
A	Oil pastels	Grey	26	Dye	Dye	Grey
A	Oil pastels	Dark Grey	27	Dye	Dye	Dark Grey
A	Oil pastels	Fluorescent lillac	28	Dye	Dye	Fluorescent lillac
A	Oil pastels	Lilac	29	Dye	Dye	Lilac
A	Oil pastels	Purple	30	Dye	Dye	Purple
A	Oil pastels	Dark Purple	31	Dye	Dye	Dark Purple
A	Oil pastels	Bordeaux	32	Dye	Dye	Bordeaux
A	Oil pastels	Navy	33	Dye	Dye	Navy

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A	Oil pastels	black	34	Dye	Dye	black
A	Oil pastels	Petroleum green	35	Dye	Dye	Petroleum green
A	Oil pastels	Khaki	36	Dye	Dye	Khaki
A	Oil pastels	White	37	White seperator	Plastic	White
A	Oil pastels	Multicolour	38	Cover of pastels	Paper	Multicolour
A	Oil pastels	White	39	White inside lining	Plastic	White
	Oil pastels					
A	Oil pastels	Clear	40	Clear plastic	Dye	Clear
A	Oil pastels	White	41	White coated button	Metallic	White
A	Oil pastels	Silver	42	Back of white coated button	Metallic	Silver
A	Oil pastels	Silver	43	Male button	Metallic	Silver

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### Detail Test Result:

#### Azo Dyes (Textile)?

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

Component	Cas No	1 + 2 +	10 + 11	13 + 14	16 + 17	19 + 20	22 + 23
		3	+ 12	+ 15	+ 18	+ 21	+ 24
4-Aminobiphenyl	92-67-1	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Benzidine	92-87-5	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
4-Chlor-o-toluidine	95-69-2	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
2-Naphthylamine	91-59-8	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
o-Aminoazotoluene	97-56-3	n.d.	n.d.	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.	n.d.	n.d.
4-Chloroaniline	106-47-8	n.d.	n.d.	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.	n.d.	n.d.
4,4'-Diaminodiphenylmethane	101-77-9	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
3,3'-Dichlorobenzidine	91-94-1	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
3,3'-Dimethoxybenzidine	119-90-4	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
3,3'-Dimethylbenzidine	119-93-7	n.d.	n.d.	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.	n.d.	n.d.
p-Cresidine	120-71-8	n.d.	n.d.	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.	n.d.	n.d.
4,4'-Oxydianiline	101-80-4	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
4,4'-Thiodianiline	139-65-1	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
o-Toluidine	95-53-4	n.d.	n.d.	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.	n.d.	n.d.
2,4,5-Trimethylaniline	137-17-7	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
**4-aminoazobenzene	60-09-3	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
O-Anisidine	90-04-0	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
	<b>Sonuç</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>

#### 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

Total Uncertainty = ± 30%

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### Azo Dyes (Textile)?

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

Component	Cas No	25 + 26	28 + 29	31 + 32	34 + 35	4 + 5 +	7 + 8 +
		+ 27	+ 30	+ 33	+ 36	6	9
4-Aminobiphenyl	92-67-1	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Benzidine	92-87-5	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
4-Chlor-o-toluidine	95-69-2	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
2-Naphthylamine	91-59-8	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
o-Aminoazotoluene	97-56-3	n.d.	n.d.	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.	n.d.	n.d.
4-Chloroaniline	106-47-8	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
4,4'-Diaminodiphenylmethane	101-77-9	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
3,3'-Dichlorobenzidine	91-94-1	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
3,3'-Dimethoxybenzidine	119-90-4	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
3,3'-Dimethylbenzidine	119-93-7	n.d.	n.d.	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.	n.d.	n.d.
p-Cresidine	120-71-8	n.d.	n.d.	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.	n.d.	n.d.
4,4'-Oxydianiline	101-80-4	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
4,4'-Thiodianiline	139-65-1	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
o-Toluidine	95-53-4	n.d.	n.d.	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.	n.d.	n.d.
2,4,5-Trimethylaniline	137-17-7	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
**4-aminoazobenzene	60-09-3	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
O-Anisidine	90-04-0	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
	<b>Sonuç</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>

#### 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

Total Uncertainty = ± 30%

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### Phthalates<sup>2</sup>

Test Method:

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

#### Component

#### Cas No

1 + 2 + 3

10 + 11 +

13 + 14 +

16 + 17 +

19 + 20 +

22 + 23 +

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)

Total Uncertainty= ± 25%

#### 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 TR289861 R2

Tarih:11 Ocak 2012 Sayfa 10 of 18

### Phthalates<sup>2</sup>

Test Method:

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

#### Component

#### Cas No

#### 25 + 26 +

#### 28 + 29 +

#### 31 + 32 +

#### 34 + 35 +

#### 4 + 5 + 6

#### 7 + 8 + 9

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)

Total Uncertainty= ± 25%

#### 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 TR289861 R2

Tarih:11 Ocak 2012 Sayfa 11 of 18

### Allergenous Disperse Dyes<sup>2</sup>

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

Component	Cas No	1 + 2 + <u>3</u>	10 + 11 <u>+ 12</u>	13 + 14 <u>+ 15</u>	16 + 17 <u>+ 18</u>	19 + 20 <u>+ 21</u>	22 + 23 <u>+ 24</u>
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.
	<b>Sonuç</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>

#### Note(s):

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

n.d. = not detected

\* = exceed the limit

< = less than

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

Requirement by the client=

**Not detected**

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## TEST RAPORU

İş No./Rapor No TR289861 R2

Tarih:11 Ocak 2012 Sayfa 12 of 18

### Allergenous Disperse Dyes<sup>2</sup>

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

<b>Component</b>	<b>Cas No</b>	<b>25 + 26 + 27</b>	<b>28 + 29 + 30</b>	<b>31 + 32 + 33</b>	<b>34 + 35 + 36</b>	<b>38</b>	<b>4 + 5 + 6</b>
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.
	<b>Sonuç</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>

#### Note(s):

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

n.d. = not detected

\* = exceed the limit

< = less than

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

Requirement by the client=

**Not detected**

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## TEST RAPORU

İş No./Rapor No TR289861 R2

Tarih:11 Ocak 2012 Sayfa 13 of 18

### Allergenic Disperse Dyes<sup>2</sup>

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

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

**Note(s):** **Sonuç** Results reported on sample extract only. The unit of result is mg/kg. **Geçti**

n.d. = not detected  
\* = exceed the limit  
< = less than  
Detection Limit = 15 mg/kg (for individual compound)

**Requirement by the client= Not detected**

## TEST RAPORU

İş No./Rapor No TR289861 R2

Tarih:11 Ocak 2012 Sayfa 14 of 18

### Migration of Certain Elements<sup>2</sup>

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

<b>Component</b>	<b>1 + 2 + 3</b>	<b>10 + 11 + 12</b>	<b>13 + 14 + 15</b>	<b>16 + 17 + 18</b>	<b>19 + 20 + 21</b>	<b>22 + 23 + 24</b>
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)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Selenium (Se)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
	<b>Sonuç</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>

#### 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

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## TEST RAPORU

İş No./Rapor No TR289861 R2

Tarih:11 Ocak 2012 Sayfa 15 of 18

### Migration of Certain Elements<sup>2</sup>

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

<b>Component</b>	<b>25 + 26 + 27</b>	<b>28 + 29 + 30</b>	<b>31 + 32 + 33</b>	<b>34 + 35 + 36</b>	<b>37</b>	<b>38</b>
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.	25,3 mg/kg	n.d.
Mercury (Hg)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Barium (Ba)	n.d.	n.d.	n.d.	n.d.	12,3 mg/kg	n.d.
Selenium (Se)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
	<b>Sonuç</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>

#### 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

<b>Requirement by the client=</b>	
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

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## TEST RAPORU

İş No./Rapor No TR289861 R2

Tarih:11 Ocak 2012 Sayfa 16 of 18

### Migration of Certain Elements<sup>2</sup>

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

<b>Component</b>	<b>39 + 40</b>	<b>4 + 5 + 6</b>	<b>41 + 42 + 43</b>	<b>7 + 8 + 9</b>
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.	n.d.	n.d.
Selenium (Se)	n.d.	n.d.	n.d.	n.d.
	<b>Sonuç</b>	<b>Geçti</b>	<b>Geçti</b>	<b>Geçti</b>

#### 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

<b>Requirement by the client=</b>	
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

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**TEST RAPORU**

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End of Test Report

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