

TEST RAPORU

İş No./Rapor No TR289864 R1

Tarih:9 Ocak 2012

Sayfa 1 of 12

FIMA KIRTASIYE BIL HIZ YAY KIT TUR DIS TIC LTD.STI
ISTOC TICARET MERKEZI 3 YOLSK PETROL PLAZA KAT 5 MAHMUTBEY ISTANBUL
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Hatice Abak'in Dikkatine

Ürünler müşteri adına tanımlanıp aşağıdaki gibi düzenlenmiştir:

Numune No.	Numune Tanımı
A	Jumbo Yağlı Boya

Müşteri Referans No : TR 289864
Alıcı : Hardline
Sipariş No : Belirtilmemiş
Model/Stil No. : Belirtilmemiş
Referans No. : FMM-12J-FDC012
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 ~ 11 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 Parameters	Testler			
	<u>1 + 2 + 3</u>	<u>10 + 11 + 12</u>	<u>4 + 5 + 6</u>	<u>7 + 8 + 9</u>
Kimyasal Testler				
Azo Dyes (Textile)	G	G	G	G
Phthalates	G	G	G	G
Azo Dyes (Textile LFGB)	-	G	-	-
Allergenous Disperse Dyes	G	G	G	G
Migration of Certain Elements	G	G	G	G

Test Parameters	Result			
	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>
Kimyasal Testler				
Allergenous Disperse Dyes	G	-	G	G
Migration of Certain Elements	G	G	G	G

CTSL-F-5.10-1NF/31.03.2011/Rev.1

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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-1 REPORT ALLERGENOUS DISPERSE DYES RESULT AND MIGRATION OF CERTAIN ELEMENTS RESULTS WERE ADDED BY THE REQUEST OF THE APPLICANT.

THIS REPORT SUPERSEDES OUR REPORT NO: 289864 DATED 11.08.2011

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




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Component List / List of Materials for Chemical Test

Sample No.	Sample Description	Sample Colour	Material No.	Component	Material	Colour
A	Jumbo wax crayon	Purple	1	Wax crayon	Dye	Purple
A	Jumbo wax crayon	Black	2	Wax crayon	Dye	Black
A	Jumbo wax crayon	Dark blue	3	Wax crayon	Dye	Dark blue
A	Jumbo wax crayon	Blue	4	Wax crayon	Dye	Blue
A	Jumbo wax crayon	Light green	5	Wax crayon	Dye	Light green
A	Jumbo wax crayon	Green	6	Wax crayon	Dye	Green
A	Jumbo wax crayon	Brown	7	Wax crayon	Dye	Brown
A	Jumbo wax crayon	Light pink	8	Wax crayon	Dye	Light pink
A	Jumbo wax crayon	Pink	9	Wax crayon	Dye	Pink
A	Jumbo wax crayon	Yellow	10	Wax crayon	Dye	Yellow
A	Jumbo wax crayon	Orange	11	Wax crayon	Dye	Orange
A	Jumbo wax crayon	Red	12	Wax crayon	Dye	Red
A	Jumbo wax crayon	Multicolour	13	Cover of the dyes	Paper	Multicolour
A	Jumbo wax crayon	White	14	White plastic box	Plastic	White
A	Jumbo wax crayon	Multicolour	15	Red white black printed paper box	Paper	Multicolour
A	Jumbo wax crayon	Multicolour	16	Bear printed area	Paper	Multicolour

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Detail Test Result:

Azo Dyes (Textile)?

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

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

Total Uncertainty = ± 30%

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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

Component	Cas No	10 + 11 + 12
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

Total uncertainty: ± 30%

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Phthalates²

Test Method:

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

Component

Cas No

1 + 2 + 3

10 + 11 + 12

4 + 5 + 6

7 + 8 + 9

Component	Cas No	1 + 2 + 3	10 + 11 + 12	4 + 5 + 6	7 + 8 + 9
Dibutyl Phthalate (DBP)	84-74-2	n.d.	n.d.	n.d.	n.d.
Benzylbutyl Phthalate (BBP)	85-68-7	n.d.	n.d.	n.d.	n.d.
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	n.d.	n.d.	n.d.	n.d.
Diisononyl Phthalate (DINP)	28553-12-0	n.d.	n.d.	n.d.	n.d.
Di-n-octyl Phthalate (DNOP)	117-84-0	n.d.	n.d.	n.d.	n.d.
Diisodecyl Phthalate (DIDP)	26761-40-0	n.d.	n.d.	n.d.	n.d.
	Sonuç	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).

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Allergenous Disperse Dyes²

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

<u>Component</u>	<u>Cas No</u>	<u>1 + 2 + 3</u>	<u>10 + 11 + 12</u>	<u>4 + 5 + 6</u>	<u>7 + 8 + 9</u>	<u>13</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.
C.I. Disperse Blue 3 (Structure No: C.I. 61 505)	2475-46-9	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.
C.I. Disperse Blue 26 (Structure No: C.I. 63 305)	3860-63-7	n.d.	n.d.	n.d.	n.d.	n.d.
C.I. Disperse Blue 35	56524-77-7	n.d.	n.d.	n.d.	n.d.	n.d.
	56524-76-6	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.
C.I. Disperse Blue 106	12223-01-7	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.
C.I. Disperse Brown 1	23355-64-8	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.
C.I. Disperse Orange 3 (Structure No: C.I. 11 005)	730-40-5	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.
C.I. Disperse Red 1 (Structure No: C.I. 11 110)	2872-52-8	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.
C.I. Disperse Red 17 (Structure No: C.I. 11 210)	3179-89-3	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.
C.I. Disperse Yellow 3 (Structure No: C.I. 11 855)	2832-40-8	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.
C.I. Disperse Yellow 23	6250-23-3	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.
C.I. Disperse Yellow 49	54824-37-2	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.
	Sonuç	Geçti	Geçti	Geçti	Geçti	Geçti

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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Allergenous Disperse Dyes²

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

Component	Cas No	15	16
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/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 TR289864 R1

Tarih:9 Ocak 2012

Sayfa 10 of 12

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	4 + 5 + 6	7 + 8 + 9	13
Antimony (Sb)	n.d.	n.d.	n.d.	n.d.	n.d.
Arsenic (As)	n.d.	n.d.	n.d.	n.d.	n.d.
Cadmium (Cd)	n.d.	n.d.	n.d.	n.d.	n.d.
Chromium (Cr)	n.d.	n.d.	n.d.	n.d.	n.d.
Lead (Pb)	n.d.	n.d.	n.d.	n.d.	n.d.
Mercury (Hg)	n.d.	n.d.	n.d.	n.d.	n.d.
Barium (Ba)	n.d.	n.d.	n.d.	n.d.	n.d.
Selenium (Se)	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

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TEST RAPORU

İş No./Rapor No TR289864 R1

Tarih:9 Ocak 2012

Sayfa 11 of 12

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>14</u>	<u>15</u>	<u>16</u>
Antimony (Sb)	n.d.	n.d.	n.d.
Arsenic (As)	n.d.	n.d.	n.d.
Cadmium (Cd)	n.d.	n.d.	n.d.
Chromium (Cr)	n.d.	n.d.	n.d.
Lead (Pb)	n.d.	n.d.	n.d.
Mercury (Hg)	n.d.	n.d.	n.d.
Barium (Ba)	n.d.	n.d.	n.d.
Selenium (Se)	n.d.	n.d.	n.d.
	Sonuç	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

<u>Requirement by the client=</u>	
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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Tarih:9 Ocak 2012

Sayfa 12 of 12



* * *

End of Test Report

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