

TEST RAPORU

İş No./Rapor No TR287715

Tarih:2 Ağustos 2011 Sayfa 1 of 7

PMS DAGITIM VE PAZ TIC LTD STI

OMERLI MAH HACI BEKTAS VELI CAD ILTAS BAINASI NO 2 HADIMKOY İSTANBUL

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Adem Ozturk 'ün Dikkatine

Ürünler müşteri adına tanımlanıp aşağıdaki gibi düzenlenmiştir:

| Numune No. | Numune Tanımı |
|------------|--------------------------------------|
| A | tahta kalemleri (kırmızı-mavi-siyah) |

Müşteri referans no : TR 287715

Ürün No. : 869 742 839 9742
869 742 839 9759
869 742 839 9766

Tedarikçi : Şarkgölü Kırtasiye

Numunenin Alındığı Tarih : 21 July 2011

Test Süresi : 21 July 2011 ~ 28 July 2011

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 Parametreler | Sonuç | | |
|-------------------------------|-----------|-----------|---|
| | 1 + 2 + 4 | 3 + 5 + 7 | 6 |
| Kimyasal Testler | | | |
| Azo Dyes (Textile) | G | G | G |
| Phthalates | G | - | G |
| Migration of Certain Elements | G | G | G |

Remarks

- : G = Müşteri standardına uygun
K = Müşteri standardına uygun değil
* = Sınır değeri 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.

Residual sample returned to client.

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.

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

Nazlı Şahin
Non-Food Technical Laboratory
Manager

Nadin Haçerestunç
Non-Food Division Manager



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

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Component List / List of Materials for Chemical Test

| Sample No. | Sample Description | Sample Colour | Material No. | Component | Material | Colour |
|------------|---|---------------|--------------|---------------|----------|-----------------|
| A | tahta kalemleri (kırmızı-mavi-siyah) | | 1 | plastik kapak | Plastic | bright red |
| A | tahta kalemleri (kırmızı-mavi-siyah) | | 2 | plastik kısım | Plastic | red |
| A | tahta kalemleri (kırmızı-mavi-siyah) | | 3 | mürekkep | - | red |
| A | tahta kalemleri (kırmızı-mavi-siyah) | | 4 | plastik kapak | Plastic | bright blue |
| A | tahta kalemleri (kırmızı-mavi-siyah) | | 5 | mürekkep | - | blue |
| A | tahta kalemleri (kırmızı-mavi-siyah) | | 6 | plastik kapak | Plastic | Bright Black |
| A | tahta kalemleri (kırmızı-mavi-siyah) | | 7 | mürekkep | - | black |

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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 + 4</u> | <u>3 + 5 + 7</u> | <u>6</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. | 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 | n.d. | n.d. | n.d. |
| 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. | 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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Phthalates²

Test Method:

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

Component

Cas No

1 + 2 + 4

6

Dibutyl Phthalate (DBP)

84-74-2

n.d.

n.d.

Benzylbutyl Phthalate (BBP)

85-68-7

n.d.

n.d.

Bis-(2-ethylhexyl) Phthalate (DEHP)

117-81-7

n.d.

n.d.

Diisononyl Phthalate (DINP)

28553-12-0

n.d.

n.d.

Di-n-octyl Phthalate (DNOP)

117-84-0

n.d.

n.d.

Diisodecyl Phthalate (DIDP)

26761-40-0

n.d.

n.d.

Sonuç

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)

Requirement by the client=

0.1 %

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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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 + 4 | 3 + 5 + 7 | 6 |
|------------------|------------------|------------------|--------------|
| 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. | 5.9 mg/kg | 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):

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

n.d. = not detected

* = exceed the limit

< = less than

Detection Limit = Sb: 5 mg/kg, As: 5 mg/kg, Ba: 10 mg/kg, Cd: 5 mg/kg, Cr: 5 mg/kg, Pb: 5 mg/kg, Hg: 6 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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* * * End of Test Report * * *

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