

**TEST REPORT** Job No./Report No TR769703 R1 Date:8 September 2015 Page 1 of 15

**CEREN KAĞIT VE KIRTASIYE SAN AŞ**  
 İstoç 17.Ada No:127-129-131-141-143  
 TEL: 02126590400  
 FAX: 02126590220  
**To the attention of Figen Toprak**

The following sample(s) was (were) submitted and identified by/on behalf of the client as:

| Sample No. | Sample Description                         |
|------------|--|
| A          | Colored Transparent Glue Stick PLAY- YP005 |

Client's reference No. : TR 769703  
 Buyer : Hardline  
 Order No. : Not Provided  
 Division : Stationery  
 Model/Style No. : 005  
 Article No. : Not Provided  
 Labeled age grading : +3  
 Request age grading : +3  
 Age group assessed as per age guideline : +3  
 Age group applied in testing : +3  
 Manufacturer : Not Provided  
 Country of Origin : Not Provided  
 Country of Destination : Not Provided  
 Shipment Date : Not Provided  
 Fiber Composition : Not Provided  
 Fabric Weight : Not Provided  
 End Use : Not Provided  
 Sample Receiving Date : 26 May 2015  
 Test Performing Period : 26 May 2015 ~1 September 2015

**Overall Conclusion** : **PASS**

Test Results : Please refer to the next page(s).

**Performed Test Summary:** Selected test(s) as requested by client against Client's performance standard.

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| Test Parameters                              | Result |         |    |    |    |         |
|--|--------|---------|----|----|----|---------|
|  | A1     | A1 + A2 | A2 | A3 | A4 | A5 + A7 |
| <b>Chemical tests</b>                        |        |         |    |    |    |         |
| Phthalates                                   | -      | M       | -  | -  | -  | M       |
| Migration of Certain Elements - Category III | M      | -       | M  | M  | M  | -       |

| Test Parameters  | Result |    |          |     |     |           |
|--|--------|----|----------|-----|-----|-----------|
|  | A6     | A8 | A9 + A11 | A10 | A12 | A12 + A13 |
| <b>Chemical tests</b>  |        |    |          |     |     |           |
| Migration of Certain Elements - Category III - Chromium III & Chromium VI Confirmation | -      | -  | -        | -   | M   | -         |
| Phthalates   | -      | -  | M        | -   | -   | M         |
| Primary Aromatic Amines  | -      | -  | -        | -   | -   | M         |
| Migration of Certain Elements - Category II  | -      | -  | -        | -   | M   | -         |
| Migration of Certain Elements - Category III   | M      | M  | -        | M   | -   | -         |

| Test Parameters  | Result |     |           |     |
|--|--------|-----|-----------|-----|
|  | A13    | A14 | A14 + A15 | A15 |
| <b>Chemical tests</b>  |        |     |           |     |
| Migration of Certain Elements - Category III - Chromium III & Chromium VI Confirmation | M      | M   | -         | M   |
| Phthalates   | -      | -   | M         | -   |
| Primary Aromatic Amines  | -      | -   | M         | -   |
| Migration of Certain Elements - Category II  | M      | M   | -         | M   |

| Test Parameters  | Result |
|--|--------|
|  |        |
| <b>Physical tests</b>                                  |        |
| EN 71 Part 1:2011+A3:2014-Mechanical and Physical Test | M      |
| EN 71 Part 2:2011+A1:2014-Flammability of Toys         | M      |

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## TEST REPORT

Job No./Report No TR769703 R1

Date:8 September 2015

Page 3 of 15

|         |   |                                |
|---------|---|--------------------------------|
| Remarks | :   | M = Meets client's requirement |
|         |   | F = Below client's requirement |
|         |   | I = Inconclusive               |
|         |   | * = No specified requirement   |
| 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 can be returned to client if requested.   |                                |

The test results relate to the tested items only.  
Test reports without SGS seal and authorized signatures are invalid.  
Reported results do not include uncertainties.

**IN THIS REVISED-1 REPORT SAMPLE ITEM NO WAS CHANGED BY THE REQUEST OF THE APPLICANT.  
THIS REPORT SUPERSEDES OUR REPORT NO: 769703 DATED:2.09.2015**

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

Cenk Hacıoğlu  
Customer Services Supervisor

Yağız Barın  
Section Manager




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

| Sample No. | Sample Description                         | Material No. | Component                           | Material | Colour   |
|------------|--|--------------|-------------------------------------|----------|--|
| A          | Colored Transparent Glue Stick PLAY- YP005 | A1           | Bottom main                         | Plastic  | White  |
| A          | Colored Transparent Glue Stick PLAY- YP005 | A2           | Cover                               | Plastic  | Transparent                                      |
| A          | Colored Transparent Glue Stick PLAY- YP005 | A3           | Sticker of the all stick            | Plastic  | Transparent-black                                |
| A          | Colored Transparent Glue Stick PLAY- YP005 | A4           | Sticker of the yellow stick         | Plastic  | Yellow-black-yellow-red-turquoise-light purple   |
| A          | Colored Transparent Glue Stick PLAY- YP005 | A5           | Allover sticker of the yellow stick | Plastic  | Yellow-black-yellow-red-turquoise-light purple   |
| A          | Colored Transparent Glue Stick PLAY- YP005 | A6           | Sticker of the green stick          | Plastic  | Yellow-green-yellow-turquoise-light purple       |
| A          | Colored Transparent Glue Stick PLAY- YP005 | A7           | Allover sticker of the green stick  | Plastic  | Yellow-black-green-red-turquoise-light purple    |
| A          | Colored Transparent Glue Stick PLAY- YP005 | A8           | Sticker of the purple stick         | Plastic  | Yellow-purple-red-yellow-turquoise-light purple  |
| A          | Colored Transparent Glue Stick PLAY- YP005 | A9           | Allover sticker of the purple stick | Plastic  | Yellow-black-purple red-turquoise-light purple   |
| A          | Colored Transparent Glue Stick PLAY- YP005 | A10          | Sticker of the pink stick           | Plastic  | Pink -red-yellow-turquoise-light purple          |
| A          | Colored Transparent Glue Stick PLAY- YP005 | A11          | Allover sticker of the pink stick   | Plastic  | Pink-red-black-purple red-turquoise-light purple |
| A          | Colored Transparent Glue Stick PLAY- YP005 | A12          | Glue                                | -        | Transparent pink                                 |
| A          | Colored Transparent Glue Stick PLAY- YP005 | A13          | Glue                                | -        | Transparent yellow                               |
| A          | Colored Transparent Glue Stick PLAY- YP005 | A14          | Glue                                | -        | Transparent green                                |
| A          | Colored Transparent Glue Stick PLAY- YP005 | A15          | Glue                                | -        | Transparent purple                               |

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# TEST REPORT

Job No./Report No TR769703 R1

Date:8 September 2015

Page 5 of 15

## Phthalates<sup>1</sup>

Test Method:

With reference to EN 14372:2004 - Analysis by GC-MS

| <b>Component</b>                    | <b>Cas No</b>     | <b>A1 + A2</b> | <b>A5 + A7</b> | <b>A9 + A11</b> |
|-------------------------------------|-------------------|----------------|----------------|-----------------|
| Dibutyl Phthalate (DBP)             | 84-74-2           | n.d.           | n.d.           | n.d.            |
| Benzylbutyl Phthalate (BBP)         | 85-68-7           | n.d.           | n.d.           | n.d.            |
| Bis-(2-ethylhexyl) Phthalate (DEHP) | 117-81-7          | n.d.           | n.d.           | n.d.            |
| Total (DBP+BBP+DEHP)                |                   | n.d.           | n.d.           | n.d.            |
|                                     | <b>Conclusion</b> | <b>Pass</b>    | <b>Pass</b>    | <b>Pass</b>     |
| Diisononyl Phthalate (DINP)         | 28553-12-0        | n.d.           | n.d.           | n.d.            |
| Di-n-octyl Phthalate (DNOP)         | 117-84-0          | n.d.           | n.d.           | n.d.            |
| Diisodecyl Phthalate (DIDP)         | 26761-40-0        | n.d.           | n.d.           | n.d.            |
| Total (DINP+DNOP+DIDP)              |                   | n.d.           | n.d.           | n.d.            |
|                                     | <b>Conclusion</b> | <b>Pass</b>    | <b>Pass</b>    | <b>Pass</b>     |

**Note(s):** n.d. = not detected  
1% =10000 mg/kg

**Remark(s):** 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).

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

**Recommended Max. Limit(s)=** 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

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# TEST REPORT

Job No./Report No TR769703 R1

Date:8 September 2015

Page 6 of 15

## Phthalates<sup>1</sup>

Test Method:

With reference to EN 14372:2004 - Analysis by GC-MS

| <b>Component</b>                    | <b>Cas No</b>     | <b>A12 + A13</b> | <b>A14 + A15</b> |
|-------------------------------------|-------------------|------------------|------------------|
| 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.             |
| Total (DBP+BBP+DEHP)                |                   | n.d.             | n.d.             |
|                                     | <b>Conclusion</b> | <b>Pass</b>      | <b>Pass</b>      |
| 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.             |
| Total (DINP+DNOP+DIDP)              |                   | n.d.             | n.d.             |
|                                     | <b>Conclusion</b> | <b>Pass</b>      | <b>Pass</b>      |

**Note(s):** n.d. = not detected  
1% =10000 mg/kg

**Remark(s):** 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).

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

**Recommended Max. Limit(s)=** 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

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## TEST REPORT

Job No./Report No TR769703 R1

Date:8 September 2015

Page 7 of 15

### Primary Aromatic Amines

Test Method:

Sample preparation with reference EN 71-10:2005 followed by analysis with reference to EN 71-11:2005

| <u>Component</u>               | <u>Cas No</u>     | <u>A12 + A13</u> | <u>A14 + A15</u> |
|--------------------------------|-------------------|------------------|------------------|
| Benzidine                      | 92-87-5           | n.d.             | n.d.             |
| 2-Naphthylamine                | 91-59-8           | n.d.             | n.d.             |
| 4-Chloroaniline                | 106-47-8          | 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.             |
| o-Toluidine                    | 95-53-4           | n.d.             | n.d.             |
| 2-Methoxyaniline (o-Anisidine) | 90-04-0           | n.d.             | n.d.             |
| Aniline                        | 62-53-3           | n.d.             | n.d.             |
|                                | <b>Conclusion</b> | <b>Pass</b>      | <b>Pass</b>      |

Note(s): mg/kg = milligram per kilogram  
n.d. = not detected

**Recommended Max. Limit= 5 mg/kg**

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# TEST REPORT

Job No./Report No TR769703 R1

Date:8 September 2015

Page 8 of 15

## European Directive 2009/48/EC-Migration of certain elements-Category II<sup>1</sup>

Test Method: With reference to pr EN 71 Part 3:2013+A1:2014. Analysis was performed by ICP-MS

| Test Item                        |            | A12         | A13         | A14         | Reporting Limit (mg/kg) | Permissible Limit (mg/kg) |
|----------------------------------|------------|-------------|-------------|-------------|-------------------------|---------------------------|
| Mass of trace amount             | (mg)       | --          | --          | --          | --                      | --                        |
| Soluble Aluminium                | (Al)       | ND          | ND          | ND          | 50                      | 1,406                     |
| Soluble Antimony                 | (Sb)       | ND          | ND          | ND          | 1                       | 11.3                      |
| Soluble Arsenic                  | (As)       | ND          | ND          | ND          | 0.5                     | 0.9                       |
| Soluble Barium                   | (Ba)       | ND          | ND          | ND          | 50                      | 375                       |
| Soluble Boron                    | (B)        | ND          | ND          | ND          | 50                      | 300                       |
| Soluble Cadmium                  | (Cd)       | ND          | ND          | ND          | 0.1                     | 0.3                       |
| Soluble Chromium                 | (Cr)       | 0,028 mg/kg | 0,013 mg/kg | 0,023 mg/kg | 0.005                   | --                        |
| Soluble Chromium (III)           | (Cr (III)) | ND          | ND          | ND          | 1                       | 9.4                       |
| Soluble Chromium (VI)            | (Cr (VI))  | ND          | ND          | ND          | 0.005                   | 0.005                     |
| Soluble Cobalt                   | (Co)       | ND          | ND          | ND          | 0.5                     | 2.6                       |
| Soluble Copper                   | (Cu)       | ND          | ND          | ND          | 50                      | 156                       |
| Soluble Lead                     | (Pb)       | ND          | ND          | ND          | 0.5                     | 3.4                       |
| Soluble Manganese                | (Mn)       | ND          | ND          | ND          | 50                      | 300                       |
| Soluble Mercury                  | (Hg)       | ND          | ND          | ND          | 0.5                     | 1.9                       |
| Soluble Nickel                   | (Ni)       | ND          | ND          | ND          | 10                      | 18.8                      |
| Soluble Selenium                 | (Se)       | ND          | ND          | ND          | 5                       | 9.4                       |
| Soluble Strontium                | (Sr)       | ND          | ND          | ND          | 50                      | 1,125                     |
| Soluble Tin                      | (Sn)       | ND          | ND          | ND          | 0.08                    | 3,750                     |
| Soluble Organic Tin <sup>^</sup> | --         | --          | --          | --          | 0.14                    | 0.2                       |
| Soluble Zinc                     | (Zn)       | ND          | ND          | ND          | 50                      | 938                       |
| <b>Conclusion</b>                |            | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |                         |                           |

**Note(s):** mg/kg = milligram per kilogram  
ND = not detected

**Remark(s):** <sup>^</sup> Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN71-3: 2013.

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## TEST REPORT

Job No./Report No TR769703 R1

Date:8 September 2015

Page 9 of 15

### European Directive 2009/48/EC-Migration of certain elements-Category II<sup>1</sup>

Test Method: With reference to pr EN 71 Part 3:2013+A1:2014. Analysis was performed by ICP-MS

| Test Item                        |            | A15         | Reporting Limit (mg/kg) | Permissible Limit (mg/kg) |
|----------------------------------|------------|-------------|-------------------------|---------------------------|
| Mass of trace amount             | (mg)       | --          | --                      | --                        |
| Soluble Aluminium                | (Al)       | ND          | 50                      | 1,406                     |
| Soluble Antimony                 | (Sb)       | ND          | 1                       | 11.3                      |
| Soluble Arsenic                  | (As)       | ND          | 0.5                     | 0.9                       |
| Soluble Barium                   | (Ba)       | ND          | 50                      | 375                       |
| Soluble Boron                    | (B)        | ND          | 50                      | 300                       |
| Soluble Cadmium                  | (Cd)       | ND          | 0.1                     | 0.3                       |
| Soluble Chromium                 | (Cr)       | 0,024 mg/kg | 0.005                   | --                        |
| Soluble Chromium (III)           | (Cr (III)) | ND          | 1                       | 9.4                       |
| Soluble Chromium (VI)            | (Cr (VI))  | ND          | 0.005                   | 0.005                     |
| Soluble Cobalt                   | (Co)       | ND          | 0.5                     | 2.6                       |
| Soluble Copper                   | (Cu)       | ND          | 50                      | 156                       |
| Soluble Lead                     | (Pb)       | ND          | 0.5                     | 3.4                       |
| Soluble Manganese                | (Mn)       | ND          | 50                      | 300                       |
| Soluble Mercury                  | (Hg)       | ND          | 0.5                     | 1.9                       |
| Soluble Nickel                   | (Ni)       | ND          | 10                      | 18.8                      |
| Soluble Selenium                 | (Se)       | ND          | 5                       | 9.4                       |
| Soluble Strontium                | (Sr)       | ND          | 50                      | 1,125                     |
| Soluble Tin                      | (Sn)       | ND          | 0.08                    | 3,750                     |
| Soluble Organic Tin <sup>^</sup> | --         | --          | 0.14                    | 0.2                       |
| Soluble Zinc                     | (Zn)       | ND          | 50                      | 938                       |

**Conclusion**

**Pass**

Note(s): mg/kg = milligram per kilogram  
ND = not detected

Remark(s): <sup>^</sup> Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN71-3: 2013.

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# TEST REPORT

Job No./Report No TR769703 R1

Date:8 September 2015

Page 10 of 15

## European Directive 2009/48/EC-Migration of certain elements-Category III<sup>1</sup>

Test Method: With reference to pr EN 71 Part 3:2013+A1:2014. Analysis was performed by ICP-MS

| Test Item                           |                   | A1          | A2          | A3          | Reporting Limit (mg/kg) | Permissible Limit (mg/kg) |
|-------------------------------------|-------------------|-------------|-------------|-------------|-------------------------|---------------------------|
| Mass of trace amount                | (mg)              | --          | --          | --          | --                      | --                        |
| Soluble Aluminium                   | (Al)              | ND          | ND          | ND          | 50                      | 70,000                    |
| Soluble Antimony                    | (Sb)              | ND          | ND          | ND          | 10                      | 560                       |
| Soluble Arsenic                     | (As)              | ND          | ND          | ND          | 10                      | 47                        |
| Soluble Barium                      | (Ba)              | ND          | ND          | ND          | 50                      | 18,750                    |
| Soluble Boron                       | (B)               | ND          | ND          | ND          | 50                      | 15,000                    |
| Soluble Cadmium                     | (Cd)              | ND          | ND          | ND          | 5                       | 17                        |
| Soluble Chromium                    | (Cr)              | ND          | ND          | ND          | 0.15                    | --                        |
| Soluble Chromium (III) <sup>#</sup> | (Cr (III))        | --          | --          | --          | 5                       | 460                       |
| Soluble Chromium (VI) <sup>#</sup>  | (Cr (VI))         | --          | --          | --          | 0.18                    | 0.2                       |
| Soluble Cobalt                      | (Co)              | ND          | ND          | ND          | 10                      | 130                       |
| Soluble Copper                      | (Cu)              | ND          | ND          | ND          | 50                      | 7,700                     |
| Soluble Lead                        | (Pb)              | ND          | ND          | ND          | 10                      | 160                       |
| Soluble Manganese                   | (Mn)              | ND          | ND          | ND          | 50                      | 15,000                    |
| Soluble Mercury                     | (Hg)              | ND          | ND          | ND          | 10                      | 94                        |
| Soluble Nickel                      | (Ni)              | ND          | ND          | ND          | 10                      | 930                       |
| Soluble Selenium                    | (Se)              | ND          | ND          | ND          | 10                      | 460                       |
| Soluble Strontium                   | (Sr)              | ND          | ND          | ND          | 50                      | 56,000                    |
| Soluble Tin                         | (Sn)              | ND          | ND          | ND          | 4.9                     | 180,000                   |
| Soluble Organic Tin <sup>^</sup>    | --                | --          | --          | --          | 0.5                     | 12                        |
| Soluble Zinc                        | (Zn)              | ND          | ND          | ND          | 50                      | 46,000                    |
|                                     | <b>Conclusion</b> | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |                         |                           |

**Note(s):** mg/kg = milligram per kilogram  
ND = not detected

**Remark(s):** <sup>#</sup> Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN71-3: 2013.  
<sup>^</sup> Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN71-3: 2013.

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**European Directive 2009/48/EC-Migration of certain elements-Category III<sup>1</sup>**

Test Method: With reference to pr EN 71 Part 3:2013+A1:2014. Analysis was performed by ICP-MS

| <b>Test Item</b>                    |                   | <b>A4</b>   | <b>A6</b>   | <b>A8</b>   | <b>Reporting Limit (mg/kg)</b> | <b>Permissible Limit (mg/kg)</b> |
|-------------------------------------|-------------------|-------------|-------------|-------------|--------------------------------|----------------------------------|
| Mass of trace amount                | (mg)              | --          | --          | --          | --                             | --                               |
| Soluble Aluminium                   | (Al)              | ND          | ND          | ND          | 50                             | 70,000                           |
| Soluble Antimony                    | (Sb)              | ND          | ND          | ND          | 10                             | 560                              |
| Soluble Arsenic                     | (As)              | ND          | ND          | ND          | 10                             | 47                               |
| Soluble Barium                      | (Ba)              | ND          | ND          | ND          | 50                             | 18,750                           |
| Soluble Boron                       | (B)               | ND          | ND          | ND          | 50                             | 15,000                           |
| Soluble Cadmium                     | (Cd)              | ND          | ND          | ND          | 5                              | 17                               |
| Soluble Chromium                    | (Cr)              | ND          | ND          | ND          | 0.15                           | --                               |
| Soluble Chromium (III) <sup>#</sup> | (Cr (III))        | --          | --          | --          | 5                              | 460                              |
| Soluble Chromium (VI) <sup>#</sup>  | (Cr (VI))         | --          | --          | --          | 0.18                           | 0.2                              |
| Soluble Cobalt                      | (Co)              | ND          | ND          | ND          | 10                             | 130                              |
| Soluble Copper                      | (Cu)              | ND          | ND          | ND          | 50                             | 7,700                            |
| Soluble Lead                        | (Pb)              | ND          | ND          | ND          | 10                             | 160                              |
| Soluble Manganese                   | (Mn)              | ND          | ND          | ND          | 50                             | 15,000                           |
| Soluble Mercury                     | (Hg)              | ND          | ND          | ND          | 10                             | 94                               |
| Soluble Nickel                      | (Ni)              | ND          | ND          | ND          | 10                             | 930                              |
| Soluble Selenium                    | (Se)              | ND          | ND          | ND          | 10                             | 460                              |
| Soluble Strontium                   | (Sr)              | ND          | ND          | ND          | 50                             | 56,000                           |
| Soluble Tin                         | (Sn)              | ND          | ND          | ND          | 4.9                            | 180,000                          |
| Soluble Organic Tin <sup>^</sup>    | --                | --          | --          | --          | 0.5                            | 12                               |
| Soluble Zinc                        | (Zn)              | ND          | ND          | ND          | 50                             | 46,000                           |
|                                     | <b>Conclusion</b> | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |                                |                                  |

**Note(s):** mg/kg = milligram per kilogram  
ND = not detected

**Remark(s):** <sup>#</sup> Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN71-3: 2013.  
<sup>^</sup> Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN71-3: 2013.

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## TEST REPORT

Job No./Report No TR769703 R1

Date:8 September 2015

Page 12 of 15

### European Directive 2009/48/EC-Migration of certain elements-Category III<sup>1</sup>

Test Method: With reference to pr EN 71 Part 3:2013+A1:2014. Analysis was performed by ICP-MS

| Test Item                           |            | A10 | Reporting Limit (mg/kg) | Permissible Limit (mg/kg) |
|-------------------------------------|------------|-----|-------------------------|---------------------------|
| Mass of trace amount                | (mg)       | --  | --                      | --                        |
| Soluble Aluminium                   | (Al)       | ND  | 50                      | 70,000                    |
| Soluble Antimony                    | (Sb)       | ND  | 10                      | 560                       |
| Soluble Arsenic                     | (As)       | ND  | 10                      | 47                        |
| Soluble Barium                      | (Ba)       | ND  | 50                      | 18,750                    |
| Soluble Boron                       | (B)        | ND  | 50                      | 15,000                    |
| Soluble Cadmium                     | (Cd)       | ND  | 5                       | 17                        |
| Soluble Chromium                    | (Cr)       | ND  | 0.15                    | --                        |
| Soluble Chromium (III) <sup>#</sup> | (Cr (III)) | --  | 5                       | 460                       |
| Soluble Chromium (VI) <sup>#</sup>  | (Cr (VI))  | --  | 0.18                    | 0.2                       |
| Soluble Cobalt                      | (Co)       | ND  | 10                      | 130                       |
| Soluble Copper                      | (Cu)       | ND  | 50                      | 7,700                     |
| Soluble Lead                        | (Pb)       | ND  | 10                      | 160                       |
| Soluble Manganese                   | (Mn)       | ND  | 50                      | 15,000                    |
| Soluble Mercury                     | (Hg)       | ND  | 10                      | 94                        |
| Soluble Nickel                      | (Ni)       | ND  | 10                      | 930                       |
| Soluble Selenium                    | (Se)       | ND  | 10                      | 460                       |
| Soluble Strontium                   | (Sr)       | ND  | 50                      | 56,000                    |
| Soluble Tin                         | (Sn)       | ND  | 4.9                     | 180,000                   |
| Soluble Organic Tin <sup>^</sup>    | --         | --  | 0.5                     | 12                        |
| Soluble Zinc                        | (Zn)       | ND  | 50                      | 46,000                    |

**Conclusion Pass**

**Note(s):** mg/kg = milligram per kilogram  
ND = not detected

**Remark(s):** <sup>#</sup> Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN71-3: 2013.  
<sup>^</sup> Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN71-3: 2013.

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**European Standard on Safety of Toys\***

**-Mechanical and Physical Properties<sup>1</sup>**

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN 71 PART 1:2011+A3:2014

| CLAUSE   | DESCRIPTION   | RESULT          |
|----------|---|-----------------|
| <b>4</b> | <b>General requirements</b>   | <b>A</b>        |
| 4.1      | Material (by visual assessment)   | Pass            |
| 4.7      | Edges   | Pass            |
| 4.8      | Points and metallic wires   | Pass            |
| 5.1      | General Requirements<br><br><b>Remark 1</b> : The metal part attached to the bristle was removed after torque test when rotating to clockwise direction at 180 <sup>0</sup> , it is a small part. due to the toy is for +3 age ,it must be warned with clause 7.2 . | See Remark 1    |
| 7        | Warnings, markings and instructions for use<br><b>Remark 2</b> : All information should be given in the national language of country where the toy is to be sold.   | (See Remark 2 ) |
| 7.1      | General   | Pass            |
| 7.2      | Toys not intended for children under 36 months.   | Pass            |

\* Only applicable clauses were reported.

**-Flammability of toys<sup>1</sup>**

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 2:2011+A1:2014

| CLAUSE | DESCRIPTION          | RESULT |
|--------|----------------------|--------|
| 4.1    | General requirements | Pass   |

\*Only applicable clauses were reported.

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*Labeling requirement (Washing/Cleaning instruction, CE mark, importer / manufacturer name and address, product identification) according to the Directive 2009/48/EC – Safety of toys*

*Summary table*

|                               | Observation Result | Location  |
|-------------------------------|--------------------|-----------|
| Washing/Cleaning instruction  | N/A                | N/A       |
| CE mark                       | Present            | Packaging |
| Importer's Name & Address     | Present            | Packaging |
| Manufacturer's Name & Address | Absent             | -         |
| Product ID                    | Present            | Packaging |

**Not/ Note:**

1) *According to Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.*

2) *CE marking should be visible from outside the packaging and its height must be at least 5mm.*

3) *Manufacturer's and Importer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.*

4) *Manufacturers must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.*

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## TEST REPORT

Job No./Report No TR769703 R1

Date:8 September 2015

Page 15 of 15



\* \* \* End of Test Report \* \* \*

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