

TEST REPORT Nº QUI/L-284.504/2/17
CHEMICAL ANALYSIS

INTERESTED PARTY: DIOXYL REVESTIMENTOS QUIMICOS LTDA
Av.: Dos Imigrantes, 1500 C.P.590 – Brasília
89281-537– São Bento Do Sul (SC)
Ref.: (88109)

1. SAMPLE(S) IDENTIFICATION

01 (One) Sample of a Line of Dyeing - Anilines, identified by the interested party as being: Line of Dyeing - Anilines, and received by the laboratory on February 14, 2017.
Internal Identification: L-0219989

2. METHODOLOGIES USED

16 CFR Part 1303 – Ban of Lead- Containing Paint and Certain Consumer Products Bearing Lead- Containing Paint
ASTM F963: 2016 – Standard Consumer Safety Specification for Toy Safety.
Internal Procedure C - 001 - QFN - Rev. 04 - Migration Test of Metals in Different Matrices.

3. RESULTS OBTAINED

3.1 Determination of Heavy Metals Migration.

| ELEMENT | VALUE FOUND mg/kg | QUANTIFICATION LIMIT mg/kg | MAXIMUM ALLOWED VALUE mg/kg |
|----------------|------------------------------|---|--|
| Antimony Sb | <0.200 | 0.200 | 60.00 |
| Arsenic As | <0.500 | 0.500 | 25.00 |
| Barium Ba | <0.175 | 0.175 | 1000.00 |
| Cadmium Cd | <0.175 | 0.175 | 75.00 |
| Lead Pb | <0.875 | 0.875 | 90.00 |
| Chrome Cr | <0.350 | 0.350 | 60.00 |
| Mercury Hg | <0.625 | 0.625 | 60.00 |
| Selenium Se | <0.500 | 0.500 | 500.00 |

Results presented in this document refer exclusively to the sample(s) tested.
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3.2 Determination of Lead Content.

| PARAMETERS | VALUE FOUND mg/kg | QUANTIFICATION LIMIT mg/kg | MAXIMUM ALLOWED VALUE mg/kg |
|------------|----------------------|----------------------------------|-----------------------------------|
| Lead Pb | < 20.0000 | 20.0000 | 90.00 |

4. CONCLUSION

The sample analyzed meets the specifications of 16 CFR Part 1303 and ASTM F963:2016 in relation to the parameters determined.

5. DATE OF THE TEST(S)

Test carried out in the period from February 14 up to March 01, 2017.

São Paulo, March 01, 2017.

L.A. FALCÃO BAUER LTDA
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