

TEST REPORT Nº 593/22

CUSTOMER: Aniger – Calçados, Suprimentos e Empreendimentos LTDA.
Rua Armindo Eltz, 51 – Quatro Colônias
Campo Bom - RS

SAMPLE DESCRIPTION:

Sample consisting of yellow polymeric material, according to Figure 1, identified by the customer as "Pigmento Amarelo 33290 LUV + Pigmento Amarelo 33060 LUV + Pigmento Amarelo 33291 LUV". Order Test nº 593/22 of 03.14.2022.



Figure 1: Sample sent by the customer.

SAMPLING:

The sample was selected by the customer.

REQUIRED TEST:

- Short Chain Chlorinated Paraffins - SCCP (C₁₀-C₁₃)
- Medium Chain Chlorinated Paraffins – MCCP (C₁₄-C₁₇)

TEST RESULT:

Components	Result (mg/kg)	LOQ (mg/kg)
Short Chain Chlorinated Paraffins (C ₁₀ -C ₁₃)	< LOQ	9.5
Medium Chain Chlorinated Paraffins (C ₁₄ -C ₁₇)	< LOQ	2.5

1 mg/kg = 0.0001% by weight

< LOQ = Lower than the Limit of Quantification

LOQ = Limit of Quantification

The result (s) is (are) true exclusively for sample (s) tested (s).

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METHOD/PROCEDURE:

Short Chain Chlorinated Paraffins (C ₁₀ -C ₁₃) and Medium Chain Chlorinated Paraffins (C ₁₄ -C ₁₇)	According to ISO 18219:2015 (E). The principle of analysis consists of the extraction of paraffins and subsequent analysis by Liquid Chromatography coupled with Electrospray Ionisation-Orbitrap Mass Spectrometry (LC-ESI-HRMS). Standards: Chloroparaffin C ₁₀ -C ₁₃ 55.5% CI Standard, Chloroparaffin C ₁₀ -C ₁₃ 63% CI Standard (SCCP) and Chloroparaffin C ₁₄ -C ₁₇ 52% CI Standard (MCCP)
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NOTE:

Test report issued electronically.

Test period: 03.22.2022 to 03.23.2022

Issue date: 03.28.2022

Lucas Heinemann
Laboratory Coordinator
CREA RS 145775


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CRQ - V 05202336

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