

TEST REPORT Nº 601/22

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

SAMPLE DESCRIPTION:

Sample consisting of black polymeric material, according to Figure 1, identified by the customer as “Pigmento MB Preto + Pigmento Azul 34319 + Pigmento Amarelo 8634”. Order Test nº 601/22 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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Instituto SENAI de Inovação em Engenharia de Polímeros

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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
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CRQ - V 05202336

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