

TEST REPORT: 23.36738

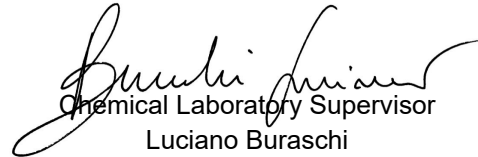
dated 04 Sep 2023

SAMPLE DESCRIPTION (no. 756082)

MAGNUM - BIO BASE TENCEL

TEST PERFORMED**EN 71-3:2019 + A1:2021 - Migration of certain elements - Category III: Scraped off****Complies**

*Note: it is prohibited the partial reproduction, any changes or modifications of this test report. Sampling performed by the customer.
Data contained in the first page of this document have been declared by the client, the laboratory is not responsible for the results that could be influenced by such data.
Data related to the sample have been provided by the customer.
The results are exclusively referred to the samples tested as received by the laboratory unless otherwise specified.
Conclusions/judgments are expressed with exclusive reference to parts detailed in the following pages and based on limits there specified.
Recovery between 80-110% is not indicated on test reports and it is not considered in the final calculation.
DECISION RULE: The declaration of conformity is given not taking into account the measurement uncertainty.*



Chemical Laboratory Supervisor
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23.36738a

I I S G

**TEST REPORT: 23.36738a** dated 4 September 2023

This section is an integral part of the TEST REPORT 23.36738

**DATES**

Test beginning: 30 Aug 2023

Issue date: 04 Sep 2023

APPLICANT

ABITEX SRL

SAMPLE DESCRIPTION (no. 756082)

MAGNUM - BIO BASE TENCEL

Migration of Chromium (VI) - Category III : Scraped off

Method: EN 71-3:2019 + A1:2021

Instrument: LC-ICP-MS

| Identification Parts | mg Limit | Cr (VI) 0,053 | Cr (III) 460 |
|-------------------------------|-------------|------------------|-----------------|
| Leather Magnum biobase tencel | | < 0,025 | <0,025 |

Legend:

The results expressed are in mg/kg

The symbol < followed by a number indicates that the concentration of the element is less than the LOQ (limit of quantification) expressed by that number.

N/R = Not requested

Where indicated, the extended uncertainty, associated with the test result and preceded by the "±" symbol, is calculated with a coverage factor K=2 that correspond to a probability level of 95% or with a confidence interval corresponding to a level of confidence of approximately 95%.

The value in mg following a part indicates the part quantity used for the test. It is indicated only if the part present in the sample is less than 100 mg (See EN 71-3:2019 + A1:2021 - Paragraph 12 h)

The Migration of Chromium (III) has been determined as the migration of total chromium (Chromium (III) + Chromium (VI)) deduced by the migration of Chromium (VI)

Requirements: EN 71-3:2019 + A1:2021 - Migration of certain elements - Category III: Scraped off**Reference:** EN 71-3:2019 + A1:2021 - Migration of certain elements - Category III: Scraped off**Conclusion:** The results found **COMPLY** with the above requirements.

TEST REPORT: 23.36738a

dated 04 September 2023

Migration of certain elements - Category III: Scraped off

Method: EN 71-3:2019 + A1:2021

Instrument: Inductively Coupled Plasma (ICP)

| Identification Parts | mg | Al | Sb | As | Ba | B | Cd | Cr | Zn | Co | Cu | Pb | Mn | Hg | Sn | Se | Sr | Ni |
|-------------------------------|-------|-------|-----|----|-------|-------|----|--------|-------|-----|------|-----|-------|-----|----|-----|-------|-----|
| | Limit | 28130 | 560 | 47 | 18750 | 15000 | 17 | # | 46000 | 130 | 7700 | 23 | 15000 | 94 | ## | 460 | 56000 | 930 |
| Leather Magnum biobase tencel | <50 | <10 | <10 | <5 | <50 | 520 | <2 | <0,025 | 1050 | <10 | <50 | <10 | <50 | <10 | <2 | <10 | <50 | <10 |

Legend: The results expressed are in mg/kg.
The symbol < followed by a number indicates that the concentration of the element is less than the detection limit expressed by that number.

Where indicated, the extended uncertainty, associated with the test result and preceded by the "±" symbol, is calculated with a coverage factor K=2 that correspond to a probability level of 95% or with a confidence interval corresponding to a level of confidence of approximately 95%.

The value in mg following a part indicates the part quantity used for the test. It is indicated only if the part present in the sample is less than 100 mg (See EN 71-3:2019 + A1:2021 - Clause 12 h).

The elements determined are:

Al-aluminium - Sb-antimony - As-arsenic - Ba-barium - B-boron - Cd-cadmium - Cr-chromium - Co-cobalt Cu-copper - Pb-lead - Mn-manganese - Hg-mercury - Ni-nickel - Se-selenium - Sr-strontium - Sn-tin - Zn-zinc

Migration of Total Chromium (Chromium (III) + Chromium (VI)) . Regarding the compliance on the migration requirement of the individual Chromium (III) and Chromium (VI) , see the migration of Chromium (VI)

Limit of Tin = 180000 mg/kg - Limit of organic Tin = 12 mg/kg

Confirmation test of organic tin is not required in case of migration Tin result, after conversion, does not exceed the organic tin requirement (12 mg/kg).

Requirements: EN 71-3:2019 + A1:2021 - Migration of certain elements - Category III: Scraped off

Reference: EN 71-3:2019 + A1:2021 - Migration of certain elements - Category III: Scraped off

Conclusion: The results found **COMPLY** with the above requirements.