EVALUATION OF COSMETIC PROPERTIES OF NATURAL INGREDIENTS IN THE TRÁS-OS-MONTES AREA: A PHD PROJECT

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What do we know?

Danish Council
THINK
Chemicals

Found 65 chemicals in 39 products and 3 products contained illegal ingredients in the EU

About 50 % of French consumers decided to buy organic cosmetics after realizing the ecological impact of non-organic products

Analysts anticipate a global revenue of US\$ 54,432.2 Mn by 2027, at an annual growth of 5.2% during this period.

What can we do?

The use of natural and organic cosmetics becomes increasingly important. This requires a strong investigation into the benefits that fruits and plants can bring to our health.

ANTIAGING PROPERTIES

Aknowledgment

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References

- 1) Jørgensen C. Cosmetics worldwide – same contents? A comparative study. Dinamarca: The Danish Consumer Council THINK Chemicals; 2020. Natural cosmetics: sales value France. Statista 2015. <https://www.statista.com/statistics/671090/natural-organic-cosmetics-sales-value-france/> (accessed November 2, 2020).
- 2) Natural and organic cosmetics: share of female users France 2016. Statista 2016. <https://www.statista.com/statistics/671247/natural-organic-cosmetics-share-women-france/> (accessed November 2, 2020).
- 3) Organic cosmetics: decisive moments for consumption France 2016. Statista 2016. <https://www.statista.com/statistics/671320/key-moments-consumer-organic-cosmetics-france/> (accessed November 2, 2020).
- 4) Sierra LM, Gaivão I, editors. Genotoxicity and DNA Repair. New York, NY: Springer New York; 2014. <https://doi.org/10.1007/978-1-4939-1068-7>.
- 5) Gaivão I, Ferreira J, María Sierra L. The w / w + Somatic Mutation and Recombination Test (SMART) of *Drosophila melanogaster* for Detecting Antigenotoxic Activity. Antimutagens - Mech. DNA Prot. Work. Title, IntechOpen; 2020. <https://doi.org/10.5772/intechopen.91630>.