

Sustainable Bioceramic.

Independent carbon-source testing, translated into clear material facts.

LAB-TESTED RESULT

97%

BIOBASED CARBON CONTENT

as a fraction of total organic carbon



97% BIOBASED CARBON

3% FOSSIL CARBON

ASTM D6866-22

Radiocarbon method

ISO/IEC 17025

Accredited laboratory

QA PASSED

Reference checks accepted

A more naturally sourced carbon profile.

The tested sample showed that 97% of its measured organic carbon came from biobased sources rather than fossil-derived carbon. For Strapmont customers, that means a material choice backed by measurable carbon-source data - not just a sustainability claim.

MEASUREMENT NOTE

97% refers specifically to the share of biobased carbon within total organic carbon in the tested sample. It is not a statement that 97% of the material's total mass is biomass.

Measured. Explained. Made easy to understand.

Sustainability language can be vague. This result is different: it comes from radiocarbon analysis that distinguishes recent biobased carbon from fossil-derived carbon.

01 What was measured

Radiocarbon (Carbon-14) analysis was used to determine the origin of carbon in the submitted sample. The laboratory reported 97% biobased carbon content as a fraction of total organic carbon.

02 What “biobased” means

In this method, biobased carbon indicates carbon from recently living natural sources such as plant or biomass feedstocks. Fossil carbon refers to petroleum-, coal- or other fossil-derived sources.

03 Why the result is credible

The analysis used ASTM D6866-22 Method B (AMS) TOC. The testing laboratory states ISO/IEC 17025:2017 accreditation, and the accompanying quality-assurance report records all reference measurements as accepted.

Material transparency you can verify.

Tested result: 97% biobased carbon content. Reported 23 March 2023. Precision on the result: +/- 3% absolute.

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