

RADIOCARBON ANALYSIS OF BIOBASED PRODUCTS



QUANTIFY

% natural
vs % synthetic
Adulteration



QUALIFY

Regulatory or normative
compliance of your raw materials.
Authentication of organic materials



CERTIFY

To get ecolabel
or certification

RADIOCARBON AND BIOBASED PRODUCTS

Radiocarbon is a direct, fast and reliable way to find out the biobased carbon content of your products, no matter what form they are (liquid, solid, powder...), at all stages of your manufacturing process.

CIRAM uses norms EN 16640:2017, ISO 16620-2:2019, ASTM D6866-20 and EN 16785:2015.

✓ **Fast**

✓ **Reliable**

✓ **International recognition**

contact@ciram-bio.com

www.ciram-bio.com

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CIRAM

Laboratoire



Biosourcé



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Green chemistry is one of the **key challenge** for industrials and using biobased products is a **strategic goal**.

Contact details: **+33 5 56 23 45 35** and contact@certification-biosource.com

SCOPE & FIELDS



FOOD ADDITIVES

Test the quality of your suppliers: essential oil, aromas...are they 100% natural? Have they been adulterated?



COSMETICS

Analyze the composition of your active substances and excipients in order to obtain 100% natural biobased formulations. Identify the % of natural ingredients of your perfumes and aromas.



CONSTRUCTION MATERIALS

In order to obtain biobased building labels, natural content can be precisely quantified in isolation materials, wood panels, paintings...



BIOFUELS

Measure the percentage of biogenic carbon content to obtain ecolabel. HVO, biodiesel, ULSD, kerozene...



BIOPOLYMERS

Industrial plastics can be tested according to EN 16785 or ISO 16620-2 to quantify their biobased content.



PIGMENTS, PAPERS, PACKAGING

Quantify the impact of treatments, coatings, binding agents, inks, additives of your biobased products.

and MORE...

Agrochemicals, Biotextiles, Medical devices, Natural medicine

**CIRAM, OVER 15 YEARS
EXPERIENCE IN
RADIOCARBON ANALYSIS**

More than 1 500 analysis per year for the worldwide market

CIRAM
Laboratoire  Biosource

HEAD OFFICE AND LABORATORY
Technopole Bordeaux Montesquieu
9 allée Jacques Latrille
33650 MARTILLAC, FRANCE
tel : +33 5 56 23 45 35