



To your benefit. Worldwide.

## Certification of biobased products.

Today, products based on renewable raw materials are considered an indispensable part of resource-saving and environmentally sound recycling management. The demand for and the entry on the market of biobased products is growing as awareness of sustainable action increases and fossil and finite resources become ever more expensive.

### The „DIN-Geprüft“ certification mark that shows the difference.

An independent and transparent quality mark showing the content of biobased carbon and the product quality makes searching for resource-saving products easier. By using the „DIN-Geprüft“ (DIN tested) certification mark, you are putting on record that you use biobased raw materials and that you are subject to regular inspections.

All products, with the exception of medical and hazardous products, that are made up of a minimum of 50 % organic matter can be certified. If only individual components of a product unit meet these requirements, this shall be clearly identified.

A division into the following quality classifications is made dependent upon the biobased carbon content.

#### Biobased 20 - 50 %



#### Biobased 50 - 85 %



#### Biobased > 85 %



### Testing and inspection scope.

Tests are carried out on the basis of the internationally recognised standards ASTM D 6866, CEN/TS 16137 and ISO 16620. The following tests are required

- Determining the content of biobased carbon using the <sup>14</sup>C-method,
- Determining the organic proportion in the product.

By restricting the inspection to the proportion of biobased raw materials, the testing outlay is minimised and a clear and unequivocal statement is made in an economically efficient way.

#### „biobased“ logo

With the “biobased” logo and the corresponding certification scheme DIN CERTCO now offers certification according to the European standard EN 16785-1.



The following tests are required

- Determination the content of biobased carbon using the <sup>14</sup>C-method,
- Elementary analysis of carbon, nitrogen and hydrogen.

Comparison of the customer self-claims with the test results leads to a trust level.

Both certification systems can be granted in parallel.

### Combination of certifications.

If a product is made of biobased raw materials and is also composable, DIN CERTCO is able to confirm this on the basis of required tests. Alongside the „DIN-Geprüft“ certification mark, the Seedling logo can also be awarded.

#### Openness and transparency.

An up-to-date list of all holders of a DIN CERTCO certificate can be viewed on the DIN CERTCO homepage. All documents, such as the certification scheme, application form can be accessed there.

#### There are many good reasons for a DIN Certification.

- Provide evidence of the content of biobased carbon
- Confidence of the markets and consumers thanks to the internationally recognised DIN mark
- A guide and aid to decision-making for your customers in a confusing market
- Confirmation of your resource-saving use of raw materials by DIN CERTCO as an independent third party
- Differentiation in the competitive environment



TÜVRheinland®  
DIN CERTCO

**Your inquiry**  
**"Certification of biobased products"**  
**By fax: +49 30 7562-1141**  
**or email: info@dincertco.de**

Yes, I am interested. Please send me an obligation-free quotation!

It concerns the following product: \_\_\_\_\_

\_\_\_\_\_

I am sending you a photograph/picture/brochure, etc. of my product by

Fax

Email

Mail

Look on the web under: \_\_\_\_\_

Yes, I have a question: \_\_\_\_\_

\_\_\_\_\_

Yes, please notify me by email about similar quotations in future.

**Your contact details**

Company

Importer

Manufacturer

Retailer

\_\_\_\_\_

Contact partner

\_\_\_\_\_

Department

\_\_\_\_\_

Street

\_\_\_\_\_

Street Number

\_\_\_\_\_

Postal code/Place

\_\_\_\_\_

State

\_\_\_\_\_

Telephone

\_\_\_\_\_

Fax

\_\_\_\_\_

Email

\_\_\_\_\_

Web

\_\_\_\_\_

Signature

Experts. On site.

**DIN CERTCO Gesellschaft für  
Konformitätsbewertung mbH**

phone +49 30 7562-1131  
info@dincertco.de

240717rev9

You're interested in our services.  
Talk to us.

DIN CERTCO Gesellschaft für  
Konformitätsbewertung mbH

Alboinstraße 56

12103 Berlin

Tel. +49 (0)30 7562-1131

Fax +49 (0)30 7562-1141

info@dincertco.de

www.dincertco.de