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Reselo AB  
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## Determination of biogenic carbon content

### Object

One sample provided by the customer.

Sample identification:	<b>Reselo Rubber</b>
Sample arrival at RISE:	April 10, 2024.
Quantity of sample:	Approx. 1.7g
Date of testing:	April 24, 2024.
Place of testing:	Chemistry and Applied Mechanics Brinellgatan 4, Borås.

### Method

The biogenic carbon fraction was determined based on the of C-14 content. The method used is a modified ASTM D6866-22. The modification consisted of using an IR spectroscopy method, Saturated Cavity Ringdown Spectroscopy (SCAR), instead of the instrumental techniques for determining the isotope ratio mentioned in the standard. Before measuring C-14, the sample was combusted in an elemental analyzer, the formed carbon dioxide was captured and the C-14 content was determined in the SCAR spectrometer. The measurement uncertainty is +/- 3% absolute.

### Results

Sample id.	Biogenic carbon % (as a fraction of total carbon)
Reselo Rubber	100

*The results relate only to the items tested.*

### RISE Research Institutes of Sweden AB Chemistry and Applied Mechanics - Chemical Product Control

Performed by

Examined by

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Eskil Sahlin

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C2 - Internal

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Accred. No. 1002  
Testing  
ISO/IEC 17025

# Verification

Transaction 09222115557516248988

## Document

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Main document

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*Mathias Berglund (MB)*

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## Signatories

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