

API documentation

## Register excerpt

CHANGE HISTORY			
Date	Version	Change/update	Author
2 June 2022	1.0	Description of API documentation Register excerpt	Stiftung Zentrale Stelle Verpackungsregister

## Register excerpt

### 1. Introduction

In order to gain access to the register excerpt, a login is needed at:

<https://registerabruf.verpackungsregister.org>

The XML file available through the API contains the same data as the XML file that can be downloaded manually. Please refer to the documentation on the XML file for a description of the content.

### 2. End point

The following URL is the end point used for the query:

<https://registerabruf.verpackungsregister.org/v1>

### 3. List of producers

**GET** /listofproducers

returns the list of producers.

#### Parameters

token	The token can be generated after logging into <a href="https://registerabruf.verpackungsregister.org">https://registerabruf.verpackungsregister.org</a> within the section "Register excerpt". Only one valid token is available at a time. Generating a new token will invalidate the previous one.
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#### Example query

GET	<a href="https://registerabruf.verpackungsregister.org/v1/listofproducers?token=abcdefgh12345678">https://registerabruf.verpackungsregister.org/v1/listofproducers?token=abcdefgh12345678</a>
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#### Results

Code	Description
200	The query was successful: the list of producers will be returned.
401	The token is missing.

<b>403</b>	Invalid token or wrong token format
<b>429</b>	The rate limit has been exceeded.
<b>500</b>	Internal server error
<b>503</b>	Internal server error

#### 4. Rate limit

The maximum number of requests is constrained by a rate limit. The following https headers provide the necessary details:

<b>X-RateLimit-Limit</b>	Maximum number of requests per hour
<b>X-RateLimit-Remaining</b>	Remaining number of requests
<b>X-RateLimit-Reset</b>	Returns the remaining time in seconds before the rate limit resets and another request becomes available