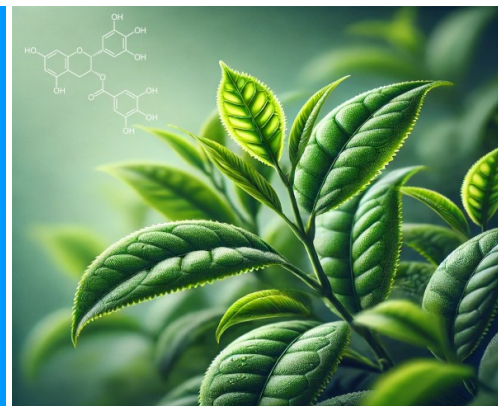


Plant Bioactives - Regulatory

Botanicals - NEMs - Food - Beverages – Cosmetics



Regulation of Green Tea Extracts in Food

The **EU Regulation 2022/2340** [1] governs foods containing green tea extracts with (-)-epigallocatechin-3-gallate (**EGCG**). Accordingly:

- The **daily portion** must be below **800 mg EGCG**.
- The **maximum daily intake** must be clearly stated in the product's portion sizes.
- A **warning notice** is required, indicating that a daily dose of **800 mg must not be exceeded**.

To offer such products **legally compliant**, reliable **EGCG analyses** are required.

EGCG Analysis by BioTeSys

BioTeSys analyzes EGCG and all important **catechins** using **RP-HPLC** and **UV detection** – reliably, quickly, and cost-effectively.

Analysis Details:

- **Processing time:** 7 working days (with prior notification)
- **Sample material:** Dry extracts, powders, and liquids
- **Sample requirement:** from 5 g

About BioTeSys

Since **1999**, **BioTeSys GmbH** has been a **service provider specializing in the analysis of active substances in complex biological matrices**, including:

- **Plant extracts**
- **Food products**
- **Dietary supplements**
- **Cosmetics**
- **Drugs etc.**

Our Services:

- Supporting **product development**
- **Ensuring** marketing claims
- **Raw material control**
- **Complaint handling**
- **Quality control**

Our **application collection** contains reliable analytical procedures for various matrices. Additionally, we develop **new methods** to meet specific requirements when needed.

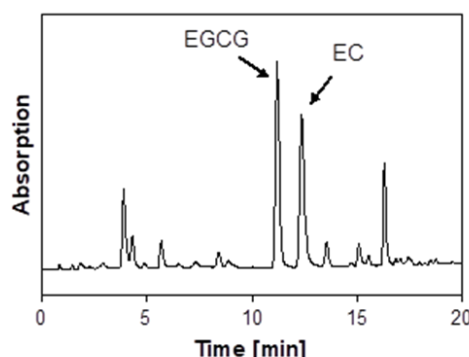
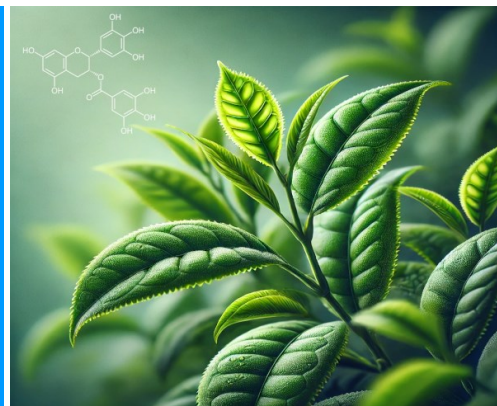


Fig. 1: Example chromatogram of green tea.

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Contact & Consultation

Whatever your analytical question may be

– **BioTeSys** conducts analysis with **state-of-the-art equipment, quickly, flexibly, and efficiently.**

Everything starts with the first step.

Our **competent team** is happy to assist you!

Your contact person:

Dr. Roland Wacker – Leitung Analytik

Tel.: +49 (0) 711 310 571 46

Email: r.wacker@biotesys.de

Sources

[1] REGULATION (EU) 2022/2340 OF THE COMMISSION of 30 November 2022 amending Annex III to Regulation (EC) No 1925/2006 of the European Parliament and of the Council as regards green tea extracts containing (-)-epigallocatechin-3-gallate.