

aroma | LAB  
FLAVOUR ANALYSIS

A Tentamus Company



YOUR EXPERT  
PARTNER FOR  
**PERSONAL CARE &  
HOME CARE TESTING**

## WHO WE ARE

aromaLAB GmbH is an internationally renowned laboratory for flavour and fragrance analysis and synthesis.

We support our clients from first consultation to tailor-made analytical and sensorial solutions – fast, flexible, and economically feasible. With many years of experience, we solve even the most demanding analytical challenges.

**Our mission:** To deliver timely, practical, and customized solutions for every flavour- or fragrance-related challenge.

## WHAT WE OFFER

▪ **Instrumental analysis** ▪ **Sensorial analysis** ▪ **Consultancy** ▪ **Chemical synthesis**

### ▪ Applications:

- **Home Care** – laundry, dishwashing, air care, surface care
- **Personal Care** – fine fragrances, skincare, haircare, toiletries & personal hygiene

## KEY SERVICES – AT A GLANCE

### AROMALAB'S SERVICES

### YOUR BENEFITS

#### EFFICACY & PERFORMANCE TESTING

- Simplified Home Care cleaning tests for fragrance hedonic and intensity/resilience performance
- Competitive benchmarking assessment
- Superiority claim support
- Formula cost efficiency studies

Planning and execution of **realistic product testing under lab conditions** combined with necessary **analytical and sensorial tests**

#### SMELL AND MALODOUR IDENTIFICATION

- Identification of aroma-active volatiles, e.g., in product bases
- Malodour identification and description

**Proactive prevention** as well as detection of unpleasant odours in bases, intermediates and final products using **GC-MS and/or GC-Olfactometry**

#### FRAGRANCE & FLAVOUR ANALYTICS

- Fragrance profiling (“fingerprinting”)
- Raw material analysis
- Verification of batch-to-batch consistency
- Fragrance stability tests
- Quantitative analysis

**GC-MS and/or Headspace-GC-MS** analysis to **elucidate fragrances** and to **assure product quality**

#### SENSORIAL & PANEL TESTING

- Descriptive sensorial analysis – spider-web diagram
- Fragrance performance over time
- Sensory evaluation of odour masking efficacy

Combination of analytical and sensorial data to offer a **holistic approach (DIN EN ISO/IEC 17025 accredited)**

#### STABILITY STUDIES

- Packaging interaction & migration
- Fragrance degradation or formation
- Long-lasting fragrance release

Confirmation of **product quality consistency** over product life cycle

#### LAB SCALE CHEMICAL SYNTHESIS OF REFERENCE COMPOUNDS

- Multitude of compounds already available in our online shop: [shop.aromalab.de](http://shop.aromalab.de)
- Custom synthesis

Synthesis products according to **highest quality standards (DIN ISO 9001)**



WHY aromaLAB?

SCIENTIFIC **EXCELLENCE** & PRACTICAL **RELEVANCE**

**CUSTOMER-ORIENTED** SOLUTIONS

**FAST** RESPONSE TIMES

**RELIABLE QUALITY** THROUGHOUT  
THE PRODUCT LIFE



 A Tentamus Company

TURNING **FLAVOUR & FRAGRANCE** CHALLENGES  
INTO **SOLUTIONS**

**LET'S TALK.**

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