



The Challenge Test Laboratory

COSMETICS

IN VITRO

COSMETIC EFFICACY

PHARMACEUTICALS

MOLECULAR SERVICES

ANTIMICROBIALS

Challenge Test

- Preservation efficacy Test: EP, USP, ISO 11930
- Tailored protocols: mixed culture, recontamination, wet wipes

Patch Test & Irritation

- Dermatologically tested, hypoallergenic

Allergens

- Quantification in fragrances, extracts

Traces - Impurities

- Preservatives, UV filters, vitamins, heavy metals
- Formaldehyde, migration residues, colorants

Safety Assessment

- Regulation 1223/2009

Stability - Accelerated Ageing

- PAO substantiation
- Texture, microbial, active ingredient degradation
- +50°C, +20°C, RT, +40°, UV-VIS

In Vitro Testing

- Validated (ECVAM) Alternative to animal testing
- Skin irritation / corrosion (OECD 439, OECD 431)
- Eye irritation / corrosion (OECD 492, OECD 437)
- Inhalation toxicity test (human tissue model)

Instrumental Efficacy

- Skin moisture
- Skin elasticity
- Sebum measurement
- Anti wrinkle
- Anti dandruff
- Non-comedogenic
- Depilatories
- Skin whitening

In Use Test

- Protocols adapted to specific needs
- Ophthalmologically Tested



GMP certified



GDPR



GLP



ISO 9001

Stability

- ICH stability storage Q1A
- ICH photostability testing Q1B
- Variety of storage conditions (temperature, moisture)

Methodology

- Method development, validation & transfer
- Identification of unknown impurities
- Leachables - Extractables
- Dissolution comparative studies
- Determination of NDMA / NDEA in Sartans

Microbiology

- PET (EP, USP)
- Microbiological examination tests
- Environmental monitoring
- Micro suitability studies

Analytical

- Assays
- APIs, Impurities, Heavy metals
- HPLC, IC, GC, GC-MS, AAS, LC-MS/MS, ICP-MS, UPLC MS/MS

Molecular Services

- Microbial - Species identification
- Pathogen detection
- GMO analysis
- Food Authentication

Disinfectants Efficacy

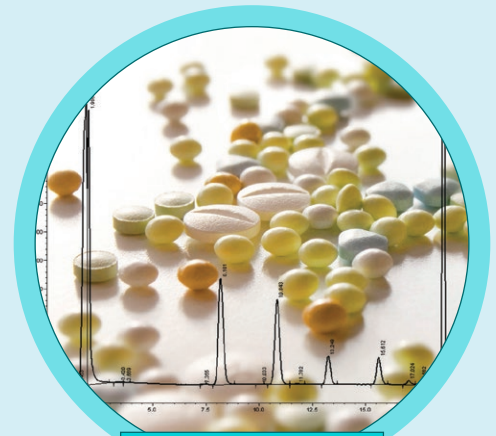
- Bactericidal / Fungicidal / Yeastocidal / Virucidal activity
- Antimicrobial coatings
- Surface - instrument disinfection
- Hygienic handwash, handrub & surgical disinfection

A variety of Protocols (EN/CEN)

- Food, industrial, domestic & institutional use
- Health care, medical, veterinary applications
- Pharma industry applications
- Screening tests on early R&D stages



Eudra GMP



GMP certified



DNA Microlab



EN 14885



The Challenge Test Laboratory

Established in 2002 QACS Laboratory provides Quality Assurance and Quality Control Services to consumer products & industry for Cosmetics, Pharmaceuticals, Medical Devices, Biocides, Food products and Food supplements.

QACS's business core is structured around the poles of Microbiology, Chemistry, Efficacy and Regulatory. Services include Testing, Regulatory and Quality Assurance (Safety Assessment, PIF CPNP, GMP Compliance) supported by specialized laboratory services. QACS operates in premises designed for and dedicated to testing activities.

The QACS Laboratory is accredited by Hellenic Accreditation System ESYD under the EN ISO 17025 standard for the testing of Foodstuffs & Cosmetics (certificate no 195), certified by Bureau Veritas under ISO 9001 and GLP/ GMP certified by the National Organization for Medicines (EOF) for performing chemical and microbiological tests on Cosmetics and Pharmaceuticals.

by: designoverdose.gr



A: Antigonis 1, 144 51, Metamorfosi, Greece, **T:** (+30) 210 29 34 745, **E:** info@qacs.gr

www.qacslab.com

CONNECT WITH QACS LAB IN SOCIAL MEDIA

[linkedin.com/company/qacs](https://www.linkedin.com/company/qacs)



[facebook.com/qacslab](https://www.facebook.com/qacslab)

