



The Challenge Test Laboratory

COSMETIC TEST

COSMETIC EFFICACY

PHARMACEUTICAL TEST

ANTIMICROBIAL TEST



Challenge Test

PET, Preservation Efficacy Test, EP, USP, ISO 11930,
Mixed Culture, Recontamination

Patch Test

Irritation

Allergens

Fragrances, Extracts

Traces - Impurities

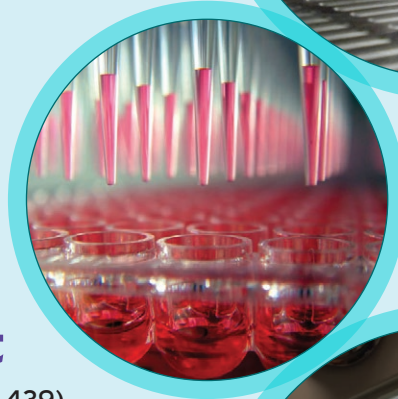
Preservatives, UV Filters, Vitamins, Heavy Metals
Formaldehyde, Migration Residues, Colorants

Safety Assessment

Stability

Accelerated Ageing

+50°C, +20°C, RT, +40°, UV-VIS



In Vitro Eye Irritation Test

- Alternative to animal testing method
- Validated test (ECVAM) for substances and mixtures
- GLP Certificate

In Vitro Skin Irritation Test

- Reconstructed Human Epidermis Test Method (OECD 439)
- Validated reference method (ECVAM)
- Regulatory acceptance for substances and mixtures
- GLP Certificate

Instrumental Efficacy

- Skin Moisture
- Skin Elasticity
- Sebum Measurement
- Anti Wrinkle

In Use Test

- Skin Whitening
- Anti Dandruff
- Non Comedogenicity
- Depilatories

Stability

- ICH Storage Facility
- Variety of Storage Conditions (Temperature, %RH)
- Photostability Based on ICH Q1B

Methodology

- Transfer method
- Method validation

Microbiology

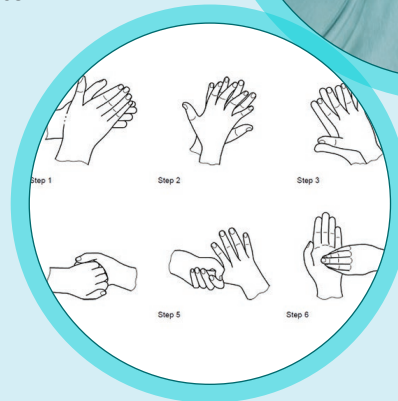
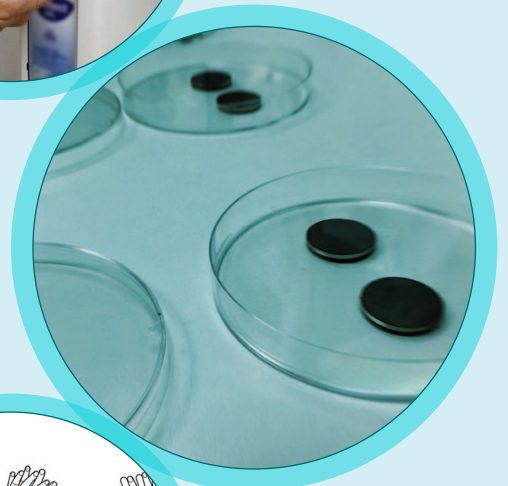
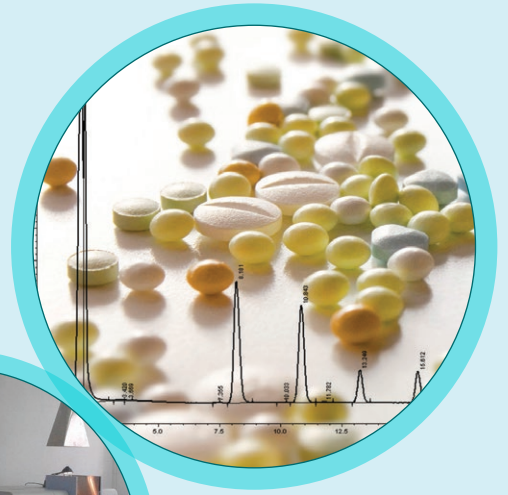
- Challenge Test
- PET, EP, USP
- Non sterility

Analytical

- Assays
- APIs
- Impurities
- Heavy Metals
- HPLC, GC, MS, AAS, LC-MS/MS, ICP-MS

EudraGMDP

EudraGMDP 44863/17-7-15



Testing to prove your product results

- Bactericidal / fungicidal / yeasticidal activity
- Antimicrobial coatings
- Surface - instrument disinfection
- Skinhealth applications
- Hygienic handwash, handrub

A variety of Protocols (EN/CEN)

- Food, industrial, domestic and institutional use
- Health care, Medical, Veterinary applications
- Antimicrobial Coatings Products

ISO 22196 Measurement of antibacterial activity on plastics and other non-porous surfaces

Screening tests

- Substantiate claims even on early R&D stages
- Customized protocols
- Dilution, Temperature, Contact Time options



EN ISO 14885: 2015
ACCREDITED LAB



The Challenge Test Laboratory

Established in the year 2002, the QACS Laboratory is based in Athens Greece, providing Quality Assurance & Quality Control Services to the consumer products industry for food and non food products, Cosmetics, Biocides, Pharmaceuticals, Medical Devices, Food Supplements, Foodstuffs.

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

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

EudraGMDP



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