

# TOXICOLOGICAL TESTING

- Ensure Consumer Safety
- Prevent Adverse Reactions
- Validate Ingredient Safety
- Meet Global Regulatory Standards

**#QACSLAB**

- Pharma
- Cosmetics
- Medical Devices
- Biocides
- Food – Feed
- Packaging

## Laboratory Testing & Compliance solutions

At QACS, we provide comprehensive toxicological testing services that seamlessly integrate Laboratory Analysis with expert Regulatory Toxicology Support—ensuring the safety, compliance, and market readiness of your products across the pharmaceutical, cosmetic, medical device, biocides, packaging and food sectors.

# QACS Solutions

## LAB Services

### Toxicological Testing

**Cytotoxicity** (ISO 10993-5)

**Skin Sensitization**

In vitro: OECD TG 442C & In vivo: OECD TG 429 (LLNA)

**Eye Damage and Irritation**

In vitro: OECD TG 492 (RhCE) & OECD TG 492B

Ex vivo: OECD TG 432 (BCOP)

**Skin Corrosion and Irritation**

In vitro: OECD TG 431 (RhE corrosion) & OECD TG 439 (RhE irritation)

**Vaginal Irritation**

In vitro: EpiVaginal model

**Inhalation Toxicity**

In vitro: EpiAirway model

**Phototoxicity**

OECD TG 432 (3T3 NRU Phototoxicity Test)

**Genotoxicity**

OECD TG 471 (Bacterial Reverse Mutation Test – Ames test)

OECD TG 487 (In vitro Mammalian Cell Micronucleus Test)

**Systemic Toxicity**

Chronic and Sub-chronic Toxicity Studies (OECD TG 408, 409)

## REGULATORY Services

### Toxicological Evaluation

Toxicological Evaluation on the ingredient level

Permitted Daily Exposure (PDE)

Toxicological Risk Assessment of L/E

Sensitization potential for ingredients

### Toxicological & Regulatory Affairs Consultancy