

# Mastering Nutraceuticals Qualification and Assessment

From improving the appearance of skin, hair and nails to enhancing well-being, nutraceuticals are booming.

Claims for nutraceuticals can be very similar to those for cosmetics, but as they come in the form of tablets, gummies or ingestible drinks, they must comply with food regulations rather than cosmetics.

For example, in Europe, nutritional and health claims on foodstuffs, including food supplements, are subject to a centralised scientific assessment by the European Food Safety Authority (EFSA).

Eurofins is here to help with a comprehensive approach to ensuring safe and effective nutraceutical products: with regulatory and toxicological support, physico-chemical analysis, *in vivo* studies and sensory, consumer and emotional testing.

### Regulatory and toxicological support

- Advice on the positioning of the product for compliant marketing
- Formula assessment: review of ingredients of interest and nutrients according to the list of regulated substances in each EU countries
- Safety assessment
- Validation of mandatory labelling statements and nutritional and health claims in accordance with Regulations (EC) N°1924/2006 and N°432/2012
- Preparation of dossier for submission to national authorities in each EU country
- Notification of the product to the competent national authorities & granting of the marketing authorisation certificate
- Product containing botanical ingredients: safety assessment in accordance with Annex III of the Plant Order - for France

### Physico-chemical analysis

- Compositional analysis: Vitamins, Minerals, Proteins and amino acids, Fibre & prebiotics, Fatty acid profile, Flavourings and additives, Cannabinoids...
- Contaminant analysis,
- Other substances to be monitored: Plant decree, Endocrine disruptors, Phytosterols and phytosterols
- Stability studies,
- Authenticity analysis,
- Microbiological safety,
- Molecular biology analyses,
- Etc.

### Ex vivo study

- Anti-ageing,
- Moisturizing,
- Anti-pollution,
- Anti-oxydative,
- Anti-inflammation,
- Pigmentation,
- Skin barrier,
- Microbiome,
- Etc.

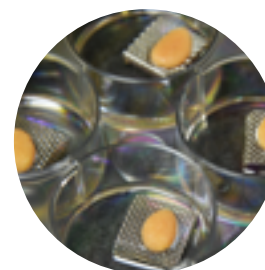


### In vivo study

Analyze the effectiveness of nutraceuticals on skin structure, hair quality and well-being:

- Anti-ageing,
- Anti-dark circles,
- Moisturizing,
- Firming,
- Hair loss,
- Slimness,
- Anti-stress,
- Anti-sleeping troubles,
- Painkiller,
- Microbiome,
- Digestive health,
- Etc.

### Sensorial, consumer & emotional tests





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