

# Cosmetic Raw Material Safety Assessment

**Includes Hazard Assessment of CBD in Skin Care**

DIRECTED BY

**Ramez Labib – PhD, MBA, DABT, ERT, Principal Toxicologist at Venebio Consulting, LLC**



ACCREDITED  
COURSE

- Cosmetic regulations
- Risk assessment and characterization
- Hazard identification
- Exposure assessment
- Case study on substantiation
- Use of CBD in cosmetics

---

## about the course

This 90-minute accredited course provides the special knowledge about toxicology and risk assessment within the cosmetic industry. Cosmetic regulations worldwide require every ingredient in cosmetic products to be safe for use on the human body in rinse-on or rinse-off products, such as face creams or shower gels. For example, the recently enacted Modernization of the Cosmetic Regulatory Act (MoCRA) by US Food & Drug Administration mandates that companies maintain adequate safety assessments of their products. This course will describe the tests used to evaluate the toxicity of cosmetic ingredients and the process of cosmetic risk assessment. This process is divided into three steps: hazard identification, dose-response, and exposure assessment. A case study will serve as a practical example on application of these principles.

Live interaction with the instructor allows for dynamic discussions and clarifications.

For attendance verification and to maximize participation, those attending the live training are required to use their webcam during the course. Microphones and speakers/headset are encouraged.

---

## who should attend

This course will be beneficial to anyone with a responsibility for and/or interest in cosmetic products, especially personnel involved with safety assessment. This includes, but is not limited to:

- Responsible persons
- Formulation chemists
- Safety assessors and toxicologists
- Technical managers

Managers and supervisors of those listed above will also benefit by realizing the challenges they face in safety assessment.

---

## learning objectives

### Upon completion of this course, you will be able to:

- Explain the global regulatory landscape for cosmetic ingredient safety evaluation.
- Describe the ingredients in cosmetics associated to their potentially toxic profile.
- Describe the process of safety assessment of cosmetic ingredients.
- List the key elements of a safety assessment including intended use, dosage, and exposure calculations, which are crucial for determining NOAEL (No Observed Adverse Effect Level) and MOS (Margin of Safety).
- Evaluate and analyze the risk assessment case studies.

---

## course outline

### Review of Learning Objectives

#### Overview of regulatory landscape for cosmetic safety

- Cosmetic Regulations in US
- Cosmetic Regulations in EU
- Cosmetic Regulations in China

#### Safety risk assessment of cosmetic ingredients

- Hazard assessment for ingredients to cover local and systemic toxicity
- Conducting risk assessment for cosmetic ingredients
- Risk characterization to determine acceptable use level

#### Case study for cosmetic ingredient risk assessment

- Hazard Assessment for CBD and use of new approach methodology for local toxicity
- Exposure assessment for use of CBD in skin care application
- Derivation of an acceptable safe use level of CBD in skin care

#### Assessment Opportunity

---

## course instructor

**Ramez Labib**, PhD, MBA, DABT, ERT is the Principal Toxicologist at Venebio Consulting, LLC. Dr. Labib is an experienced leader, manager, scientist and teacher with more than 20 years in toxicology. Working primarily for Avon and Johnson and Johnson, he has led teams dedicated to regulatory compliance, risk assessment and product safety in the consumer industry sector. He has recently joined Venebio Consulting to lead the toxicology program and support all aspects of safety projects for the consumer business. He has a proven track record in building and managing successful toxicology programs, delivering scientific expertise and providing strategic leadership. Dr.

Labib is also proud to pass on his knowledge to others as an adjunct professor at Rutgers University for the past 20 years.

Dr. Labib obtained his PhD (Biomedical Sciences in Pharmacology and Toxicology in 2002) at the University of Medicine and Dentistry of New Jersey and an MBA at the New Jersey Institute of Technology in 2012. In 2009, he became a Diplomat of the American Board of Toxicology (re-certified in 2024) and in 2014 was recognized as a European Registered Toxicologist. He is a full member of the Society of Toxicology, the Society of Environmental Toxicology and Chemistry and the Mid-Atlantic Chapter of the Society of Toxicology.

---

## Accreditations



### International Accreditors for Continuing Education and Training (IACET)

Cobblestone has been approved as a CEU Accreditor by IACET and awards CEUs for participation in qualified courses. Cobblestone has demonstrated that it complies with the ANSI/IACET Standards and is authorized to offer IACET CEUs for its programs. CEUs will be awarded for participation in Cobblestone's courses at the rate of .1 CEU per contact hour upon successful completion of the entire course and 70% accuracy in the required Learners' Assessment. A minimum score of 80% is required for all courses within a Cobblestone Certification Program. This course offers a total of 1.5 contact hours, or .2 CEUs. For further information, visit [www.iacet.org](http://www.iacet.org)



### Regulatory Affairs Professional Society (RAPS)

Cobblestone is committed to enhancing the ongoing professional development of regulatory affairs professionals and other stakeholders through appropriate regulatory affairs learning activities and programs. Cobblestone has agreed to follow RAPS- established operational and educational criteria. This course may be eligible for up to 12 credits towards a participant's RAC recertification upon full completion. The requirements and standards for recertification are developed and administered by the Regulatory Affairs Certification Board (RACB), which manages all areas of the RAC program. Additional information about RAC is available on the RAPS website at [RAPS.org/rac](http://RAPS.org/rac).

### AIC- American Institute of Chemists

Cobblestone is committed to enhancing the ongoing professional development of Cost Engineering professionals and other stakeholders through appropriate learning activities and programs. Many Cobblestone courses offer training that may be helpful in meeting the AACE continuing education requirements for recertification as a Certified Chemist, Certified Chemical Engineer, or Chemical Technician.

**For more information about AIC, visit: [www.theaic.org](http://www.theaic.org)**