

Biosynthetic Technologies Certifications and Registrations

Biosynthetic Technologies

Certification is a key strategy in further enhancing Biosynthetic® Technologies into a world class producer of sustainable and high-performance base oils. At Biosynthetic® Technologies we hold the appropriate certifications and registrations to certify our products do not deliver on performance and quality but are also compliant with national and international requirements.

Product	US	Canada	Europe, REACH	Environmental Claims		Food Contact	
	Approval	Approval	Approval	Eco Label LuSC List	BioPreferred	HX-1 InS	HX-1 NSF
BT4	✓	✓	✓	✓	68% Biocontent	✓	✓
BT22	✓	✓	✓	✓	86% Biocontent	✓	✓
BT75	✓	✓	✓	✓	94% Biocontent	✓	✓

Product	US	Canada	Europe, REACH	Environmental Claims		Food Contact	
	Approval	Approval	Approval	Eco Label LuSC List	BioPreferred	HX-1 InS	HX-1 NSF
BioEstolide 30	✓	✓	✓	✓	68% Biocontent	✓	✓
BioEstolide 250	✓	✓	✓	✓	86% Biocontent	✓	✓
BioEstolide 1300	✓	✓	✓	✓	94% Biocontent	✓	✓

At Biosynthetic® Technologies we're committed to provide safe, quality products across food, pharmaceutical, personal care, and industrial applications. Our diverse set of quality system certifications demonstrate our excellence across multiple regulatory environments catered to your specific needs. Our Quality Assurance team stays current on the ever-evolving regulations as new legislation is passed and implemented in the industry. Our continuous improvement culture drives us, building upon our solid foundation of quality principles ensuring we meet or exceed customer expectations. Currently, we proudly maintain the following certifications.

INS and NSF HX-1

Our products are registered with INS Services and NSF as an HX-1 ingredient for use in H1 lubricants with incidental food contact. H1 fluids are widely used in and around food processing areas as well as in pharmaceutical and other applications. The HX-1 certification for our BioEstolides™ and sustainable base oils allows lubricant manufacturers to formulate environmentally friendly H1 lubricants with high performance characteristics such as excellent oxidative stability and superior hydrolytic stability.

Kosher

Kosher is derived from a Hebrew word and means "right and proper." Some may also define it as "suitable and pure." It also means fit to eat. In order for a food to be considered kosher, each stage of the food's production, handling and manufacturing must adhere to strict biblical laws, which dictate the foods a Jewish person can consume and the way they have been prepared. These standards have their origins in Jewish law.

Halal

Halal is an Arabic word that means what is permitted in Islam, usually used to refer to dietary instructions. Halal-certified products have been approved by a certifying body. Certification indicates that there are no prohibited or unlawful ingredients contained within the food. They would have undergone a strict certification system to ensure that they meet these standards. Our products are manufactured in a facility that has been granted a halal certificate. In addition, all our products are halal certified.

ISO 14001

Environmental Monitoring and Measurement - The standards and tools defined in ISO 14001 help organizations successfully manage their environmental responsibilities.

ISO 9001

Quality Management Systems - This standard sets out a clear criterion for the requirements of a quality management system. The aim of this standard is to aid efficiency and enhance customer satisfaction. Each organization is expected to set out their own quality and customer satisfaction standards. Once these have been defined, the organization strives to improve their performance in accordance with the standards it has set out.

Good Manufacturing Practices

Good Manufacturing Practice Regulations, or GMP, is a system that ensures consistency and quality of produced and controlled products. The regulations can be legally enforced and ensure that industry sectors such as packers, manufacturers and producers are actively involved in ensuring the purity, safety and effectiveness of the items they produce. All our manufacturing facilities have systems in place and that it complies with Good Manufacturing Practice Regulations, ensuring both quality and consistency. Certification reduces the risk of contamination during manufacturing and provides consumers with the assurance that the product is safe and effective.

Animal Cruelty Free

Biosynthetic® Technologies pledges to engage in animal cruelty free production and marketing at all its production facilities. We believe that animals should not suffer or die to test cosmetics or cosmetic ingredients. We take every effort to comply with the following criteria:

- Biosynthetic Technologies does not conduct, commission, or is a party to Animal Testing of any cosmetic ingredient, raw material, formulation of finished cosmetic product.
- Biosynthetic Technologies does not buy any ingredient, formulation, or product from any supplier or manufacturer that conducted, commissioned, or had been party to Animal Testing.
- Biosynthetic Technologies selects its suppliers based on their animal-testing policies and requests their policies on a regular basis.

Non-GMO

Biosynthetic Technologies does hereby declare and certify that all products produced by this company do not contain additives, preservatives, carriers and/or processing aids derived from a genetically modified organism or irradiated material source or seed. Biosynthetic Technologies' products are free from both genetically modified DNA and the proteins derived from genetically modified DNA. Biosynthetic Technologies uses GMO-free proprietary varieties of biobased products and all of Biosynthetic Technologies' products are manufactured exclusively with non-genetically engineered (non-GMO) ingredients and processes.

Carbon Footprint and Sustainability

Biosynthetic® Technologies is committed to sustainability and clearly focused on the responsible use of natural resources in our daily business. We understand that health, environmental awareness and traceability play just as large a role for consumers as quality and efficacy. Biosynthetic® Technologies is aware of its responsibility in this business and sustainability. As such, our manufacturing facility is operating with a **NEGATIVE** carbon footprint!