

National Animal Health Verification Services Center (CENAPA)

Timely, reliable, and quality diagnosis and verification services

It is a lab that has been consolidated as a leader in Latin America due to the techniques applied. It verifies the presence of toxic residues and contaminants in meat, honey, and egg products, and animal, aquaculture, and fishery origin byproducts.

Through the analysis of these products' physicochemical characteristics, it rules out any sanitary risk and ensures national exported and commercialized food is free from those substances. Some of the toxic residues determined are veterinary drugs like anticoccidials, antiparasitics, antibiotics, steroids, tranquilizers, and contaminants like heavy metals, pesticides, and industrial waste, among others.

Also, it supports the registration of animal use pharmaceutical veterinary and food products, verifying, through the identification and assessment of active principles and chemical proximate analysis, the information on the commercial label.

It is focused on the conditions that affect economic interest animals for aquaculture and fisheries production.

Its work methods are developed in four aspects:

1. Diagnosis of parasitic diseases which affect aquaculture and fishery animals and organisms.
2. Verification of antiparasitic products under development or with registration purposes.
3. Production of biological material for diagnosis and verification.
4. Molecular Biology Center and High Genome Sequencing and provider of diagnosis reagents (primers), for the diagnosis laboratories network of the Senasica.

It also supports aquacultural and fishing health and innocuousness with the following actions:

- Physicochemical and biological verification of livestock, aquaculture, and fisheries pharmaceutical products, as well as food and chemicals that need to be registered before the Sader.
- Microbiological analysis in animal, aquaculture, and fishery origin products and byproducts.
- Diagnosis of the main diseases that affect commercial interest aquatic species.
- Support to determine zones free of diseases that affect the production of fish, crustacean, and mollusks.
- Support the maintenance of the sanitary status of our country regarding Bovine Spongiform Encephalopathy (EEB) known as "mad cows".
- Integral support during sanitary contingencies due to the presence of atypical mortality in fish, crustacean, and mollusks.

Recognition:

- 2000.- The Food and Agriculture Organization of the United Nations (FAO) recognized the institution as the Reference Center for the Diagnosis of Ixodicide Resistance in ticks;
- 2010.- Provider of Aptitude Trials by the Mexican Accreditation Entity (EMA).
- 2011.- The World Organization for Animal Health (OIE) awarded the CENAPA recognition as Babesiosis and Anaplasmosis Reference Center.

Accreditations

- NMX-EC-17025-IMNC-2006 *Compliance evaluation - General requirements for proficiency of test and calibration laboratories.*
- NMX-EC-17043-INMC-2010 *Compliance evaluation - General requirements for aptitude trials.*