



# FOOD QUALITY AND FOOD SAFETY

For a **better** and **safer** world

# SERVICES

AGQ Labs offers an array of analytical services to guarantee the security and quality of any food or raw material in the food production chain.

## FOOD SAFETY ANALYSIS

### ● Pesticide Residues

- Multi-residue methods (gas and liquid chromatography) and specifics (single methods)
- Properties of pesticide formulations

### ● Pesticide Degradation Studies

### ● Heavy Metals

- Total Metals
- Organometallic compounds

### ● Veterinary Drug Residues

- Fungicides, penicillin, nitrofurans, sulfonamides, antibiotics, antiparasitics, beta-agonists, anabolic steroids, and colorants

### ● Organic Chemical Contaminants

- Aliphatic hydrocarbons and solvents
- PAHs
- PCBs
- MOSH and MOAH
- Dioxins and furans
- Other organic contaminants

### ● Natural Toxic Residues and other contaminants

- Inorganic contaminants: Nitrites, nitrates, etc.
- Mycotoxins
- Biogenic amines
- Acrylamide
- Melamine

### ● Emerging Contaminants

### ● Allergens

- Gluten, soy, peanuts, tree nuts, milk, egg, fish, crustaceans, sulfites, celery, etc.

### ● Comprehensive control of pathogens on surfaces, environments, and food

- SARS-CoV-2, Norovirus, Hepatitis A, Salmonella, Listeria, Mold, E. coli, etc.

## FDA DETENTIONS

### ● Full FDA detention service in the United States



## FOOD QUALITY ANALYSIS

- Physical and chemical properties
- Quality indicators
- Organoleptic and sensory analysis
- Microbiological analysis
- Shelf-life studies
- Food additives

## NUTRITIONAL ANALYSIS

- Nutritional Properties
- Nutritional Labeling
- Vitamins
- Amino acids

## GENETIC TESTING

- Analysis of GMOs
- Species identification
- Marine pathology
- Authenticity analysis and food fraud control

## FOOD PACKAGING ANALYSIS

- Global migration and heavy metal migration
- Monomer migration or residuals
- Bisphenol A, PVC, PE, phthalates, etc.
- Material identification by FTIR
- Specific analysis in plastic bags and paper

## GEOGRAPHIC ORIGIN IDENTIFICATION

- Nonconventional Natural Isotopes

## RADIOACTIVITY

- Radionuclides
- Alpha ( $\alpha$ ) radiation, Beta ( $\beta$ ) radiation, Gamma ( $\gamma$ ) radiation



## AGRICULTURAL SERVICES

### ● Analytical Services

- Soils
- Foliage
- Fertilizers and manure
- Irrigation Water
- Foliage reserves

### ● Nutritional GIS-NDVI maps

### ● Crop Nutritional Monitoring

## ENVIRONMENTAL SERVICES

### ● Drinking water analysis

### ● Environmental control of:

- Emissions and atmospheres
- Effluent and process waters
- Solid and sludge matrices
- Noise

### ● Legionella

### ● Control and surveillance plans

## SAMPLING AND INSPECTION

### ● Food Sampling

### ● Food and Environmental Inspection



## VALUE PROPOSITION

- ✓ We are a leading company in analyzing pesticide residues in fruits and vegetables.
- ✓ Our technical and technological capabilities are unmatched, with advanced analytical chemical capabilities.
- ✓ Our international accreditations ensure the reliability of our analyses.
- ✓ Our specialized knowledge allows us to tackle innovative food safety and quality projects.
- ✓ Our operational and logistical capacity allows us to control suppliers in over 30 countries.

# BeSafer

## GET THE MOST OUT OF YOUR ANALYTICAL RESULTS

**besafer.info**

Maximize the value of your analytical results with our user-friendly virtual platform, which provides easy access to reports, data management, and data visualization tools.

### Our online platform and app



**Real-time sample tracking  
system updates the status  
of your analyses with our**



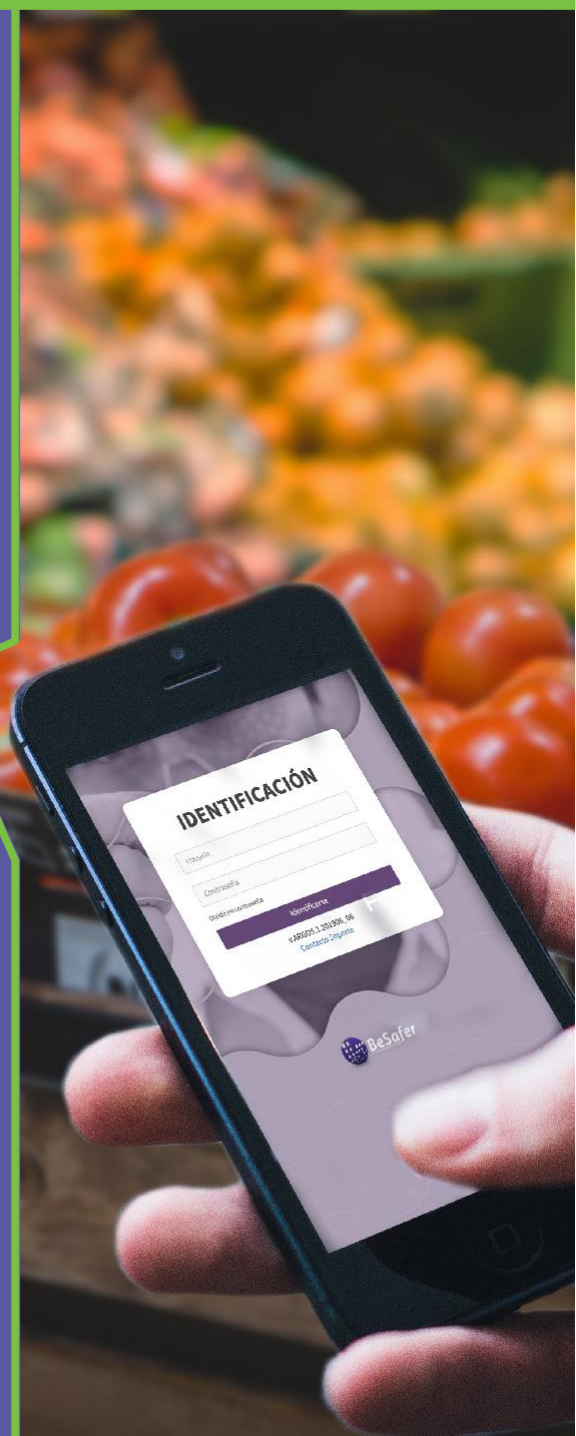
**Statistical insights**

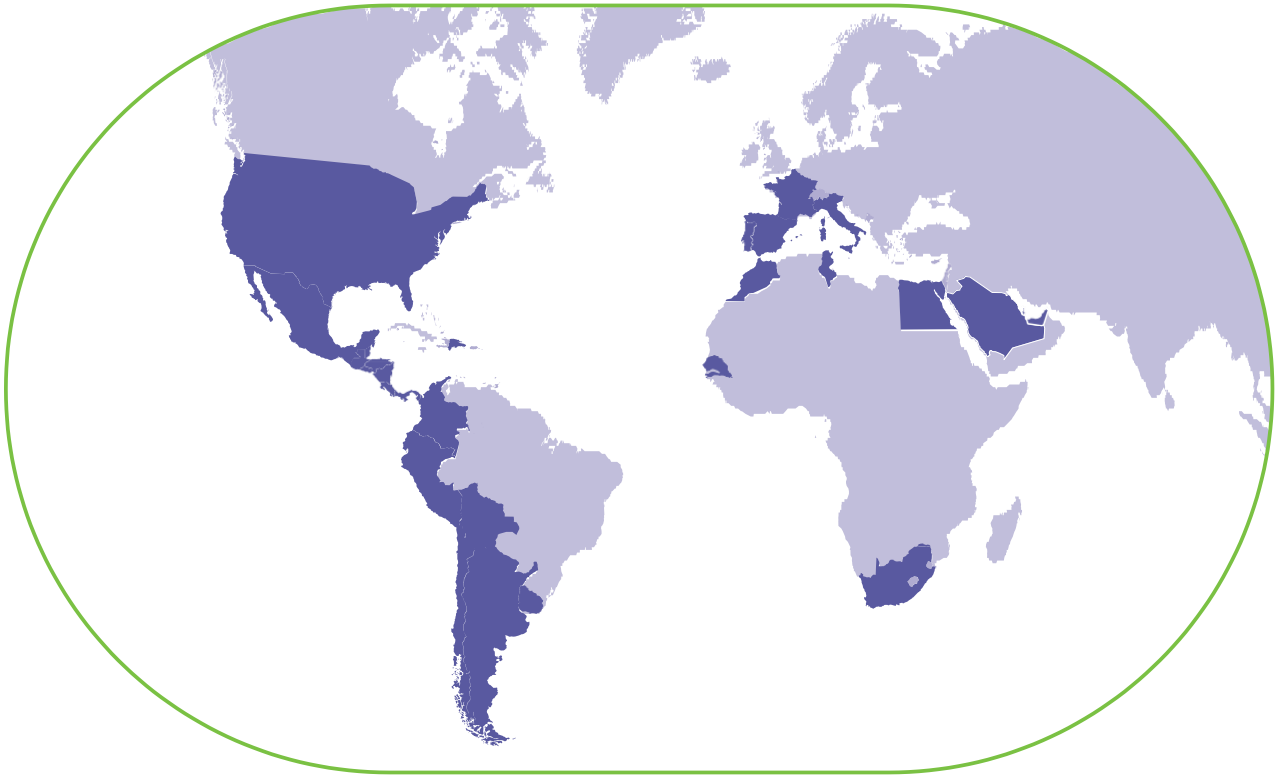


**Comprehensive reports on  
positive parameters and  
MRL exceedance**



**Risk analysis and  
management tools**





Our comprehensive network of laboratories, logistic centers, and technical-commercial offices enables us to provide global support to our customers in key international markets.

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[international@agqlabs.com](mailto:international@agqlabs.com)

[agqlabs.co.za](http://agqlabs.co.za)

*Chrom Africa Instrumentation Services Limited: Buruburu Business Complex Suite No. 26  
Mumias South Road, Buruburu. P.O Box 4963-00100, Nairobi, Kenya.  
Telephone: +254 – (20)2594918,*

*US Operations: St. Paul, Min, USA Telephone: +1 651-731-3670*

*Website: [www.chromafrika.co.ke](http://www.chromafrika.co.ke) Email [info@chromafrika.co.ke](mailto:info@chromafrika.co.ke) or [info@chromafrika.com](mailto:info@chromafrika.com)*