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Global Presence

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Historical levels of fish consumption

AGQ specializes in food safety and fishery products

Fish consumption in the world has reached record levels, according to a report of the United Nations Organization for Food and Agriculture Organization (FAO) published recently, nothing that last year averaged 17 kilos per person. This amount accounted for 3,000 million people with 15% of the average diet of animal protein. This increase is due primarily, according to FAO, the continuous increase in aquaculture production, which is expected to overtake capture fisheries as a source of edible fish.

The report, entitled "The State of World Fisheries and Aquaculture 2010," says that fisheries and aquaculture represent the livelihood of 540 million people, 8% of world

population. In addition to selling fresh fish every day becomes more relevant frozen and pickled products processed, prepared dishes, etc..

To all this, add the complexity of manufacturing processes for the preparation of such products with current legislation, which marks certain limit values for certain parameters. It is precisely for these reasons, by which the fishing companies are particularly concerned to analyze their products and whether they are fit and with less risk to their final destination: the consumer.

AGQ, has developed a specific analytical range for this sector, using the latest technology:

- Microbiological analysis: Mesophilic aerobes, coliforms, total coliforms, Salmonella, Shigella, Listeria monocytogenes, E. coli, S. aureus, Vibrio cholerae, Vibrio parahaemolyticus
- Heavy metals (especially lead, arsenic, mercury and cadmium)
- Parameters of freshness: TVB, Histamine, lactic acid.
- Sensory Profile
- Pollutants: antibiotics, dyes, trimethylamine, dioxins, pesticide residues, etc..
- Other: pH, nitrites, nitrates, humidity, etc.

These developments have made us work with the leading producers and marketers of Chile, Peru, Central America, Morocco and Spain..



Tomato Research Project

AGQ will collaborate on a project initiative Experimental Mayora Station belonging to the National Research Council (CSIC), Málaga, performing various analytical in different varieties of fresh tomatoes. The project aims to study the quality of different varieties in terms of its nutritional characteristics and the correlation of these contents with problems such as cracking.

Among the analysis to be undertaken AGQ are: Vitamin C, Vitamin K1 and Dietary fiber

Mining

Clean mining: meeting in Chile with the global mining

Manuel José García, Director of Mining & Bioenergy AGQ, gave a lecture on recovery of effluents

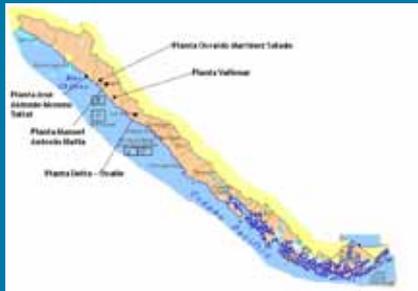
Clean Mining has become in recent years in the reference forum which contains all the technical and technological advances in mining environment. José Manuel García, Director of Mining & Bioenergy AGQ was moderator of one of the workshops and lectured on the reuse and recovery of effluent from mining operations for the production of biomass. AGQ Mining & Bioenergy is developing this pilot in various experimental plants in Spain, Chile and Peru.



AGQ held in Chile on environmental controls associated with closed Codelco mine Ovalle

AGQ was awarded the “Service Water Sample Analysis, Soil and Waste” associated with the closure plan Plant Ovalle of the National Mining Company (Enami), owned by Codelco. Our company will be responsible for all environmental testing laboratory involved in the closure of this historic mining production center located in the IV Region of Chile. This activity reinforces AGQ growth in Chile’s main productive sector such as mining.

Enami, founded in 1960, is a Chilean government-owned company currently has five mills in the country. One of its main objectives is to promote small and medium mining, regardless of the production associated with the processing of minerals in plants, smelting and refining.



AGQ Labs in Spain extends its scope of accreditation in environmental testing

Recently, AGQ Labs has expanded its scope of accreditation in the environment. This scope of record exceeds 50 pages and contains nearly all the needs of Spanish and European environmental market.

In the physical-chemical laboratory were incorporated into the liquid matrix parameters such as Cr VI, Cr III, phenols, cyanides, sulfides, sulfites, TOC, Color, anionic surfactants, settleable solids, 25 heavy metals (total, dissolved and acid soluble) and Ecotoxicology, among others.

In regard to solid matrices new sludge matrices of interest have been credited (24 heavy metals), waste (Leach UNE-EN 12457-4 and analysis) and Sampling Atmospheric Supports (Particulate, HCl, H₂SO₄ and SO₂), which are complementary to the wide range of parameters that we had in Soils.

The laboratory staff (Chromatography) is strengthened by incorporation into liquid and solid matrices of parameters such as pesticides, PAHs, PCBs, VOCs and SEMI-VOCs, what makes us have more than 150 accredited high value compounds in environmental control. Finally the microbiological laboratory parameters incorporated into liquid matrices such as Clostridium perfringens, intestinal enterococci and fecal coliforms, which come to add to those achieved so far (at 22 ° C bacteria, E. coli, C. total)

Thus, AGQ is able to offer products as complete analysis of drinking water to almost 100% of accredited parameters, 7 metals of soil and sludge RD 1310/1990 of 54 parameters fully accredited or accredited to

the 60 that make up the Annex V of RD 9 / 2005, post-contaminated soil.



Agronomy

AGQ begins to advise Italian producers

Italian agriculture, like other developed European countries is living hard times. The main problem is the lack of competitiveness, given the low production costs in developing countries, mainly from North Africa. In this situation, large agricultural companies know they must make improvements in its production system, make them gain efficiencies, reducing costs and improving productivity.

In this regard, we had a first round of contacts with major producers of table grapes, strawberries and citrus in the region of Puglia, with whom he soon begin to work by the nutritional management of plantations.



Seminar on nutrition in citrus in Tucuman

On April 14, Tucumán AGQ Labs organized a seminar to give the Argentine citrus growers all our experience in this crop. Reproduce the news as he gave "La Gaceta de Tucumán"

"In Spain and other countries around the world, we are working with a device that we developed some time ago, and this allows us to track nutrition of different crops, with a strong penetration into the citrus business," said Estanislao Martínez Martínez, President of CWA , who spoke to citrus producers and technicians on the new methodology for nutritional analysis.

"This is a procedure to evaluate the nutri-

tional and water requirements at different phenological times by passing a citrus plant during the year," he said. This monitoring leads to an accurate diagnosis of what is happening to nutrition and the risk plantation, and to describe the problems and the tools necessary to find the respective solutions.

"The procedures are rigorous, sustainable and validated, which gives us the certainty of what is really happening in the crop for nutrients and water content in the soil," he said. The data obtained by this procedure can adequately manage the risk where the objective is to have a water availability of physical and physiological, and with proper fertilization and at the right time will provide essential nutrients the plant needs every time. "What we want ultimately is watering and fertilization to the actual demand for the plant," he noted."



Corporate

New laboratories in Morocco and Peru

Our aim is to create labs in our major markets

The first quarter of 2011 has set off the installation of two new laboratories for AGQ. The new centers are located in Moahammedia (Morocco) and in Lima (Peru). Launches its new Strategic Plan 2011-2015, where we plan the introduction of several new laboratories.

The Laboratory will have a distinctly Moroccan food and will have the relevant accreditations for testing to detect food for export, mainly in fruits, vegetables and fish. For its part, the Peruvian laboratory, as well as agronomy, will also have a mining area, an area that has spent two years working AGQ. Peru is the country with more investments in new mining projects currently. At startup, the new laboratory will employ about 40 professionals.



Colombia, a new subsidiary in South America AGQ

After a career of nearly 10 years in Latin America and being leaders of each of the markets where we are, AGQ Labs, has opened a branch in Colombia in March 2011.

Colombia, a country with 42 million inhabitants, is experiencing a period of high economic growth. One of the sectors that has been reinforced in recent years is that of exports: fuel, agribusiness, textiles, etc.. Within the main sectors are agribusiness coffee, oil palm, banana, tropical fruits, sugar cane and flowers. Our area of interest is especially the region of Cundinamarca, the North Coast and the coffee axis, where we will offer our services of Agronomy (advice on irrigation and nutrition) and Food (quality control and food safety for export). This new branch is represented by Monica Boada Engineer located in Manizales. For more information contact us to +57 313 684 75 00 or mboada@agq.cl



We extend our quality system to ISO-9000

AGQ has achieved ISO 9000 certification. It adds this new seal of quality to which we had: ISO-17025 (accreditation of laboratory tests), ISO-17020 (ins-

pection body), GLP (Good Laboratory Practices), ISO 14001 (environmental management). On the other hand, we have several certifications and awards of public organizations, ministries, etc. Information can expand <http://www.agq.com.es/cualificacion/acreditaciones.asp>