

IQSA (ASPB) DATA ANALYSIS: FISHERY PRODUCTS

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OBJECTIVES

Analyze and process the data collected from all the samples made by the ASPB of the commercial seafood group during the period between 2012 and 2016.

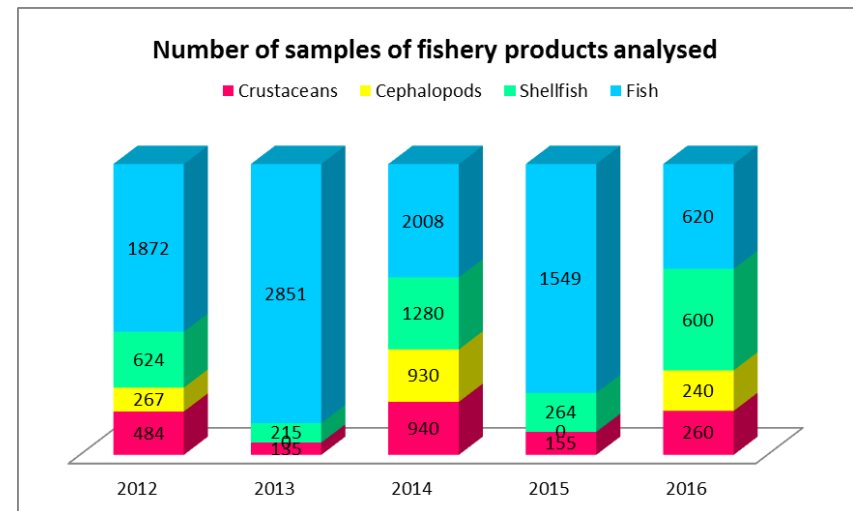
Abiotic	Biotics
Food additives: A sorbic, A benzoic, Sulfites	Detection <i>Listeria monocytogenes</i>
Organic chemical contaminants	Count <i>Escherichia coli</i>
Marine biotoxins: OA, YTX*, AZA,SPX, PTX.	Detection Salmonella
Ions: mercury, lead, cadmium, arsenic*	Count <i>Staphylococcus aureus</i> coagulasa + Detection <i>Vibrio parahaemolyticus</i>

CONCLUSIONS

- ❖ There is a lot of diversity in the number of samples of each group of products. Seafood commercial group corresponds to 32% and the group "fish" is the 58% of the total.
- ❖ In the analysis of the biotic parameters a constant regularity is observed, except in the case of *L. monocytogenes*. On the other hand in the abiotic parameters there is a marked variation between the different elements, this is maximum in the pesticides.
- ❖ It can be seen that there is a high level of compliance with regulatory limits. It can be said that the foods we find on the market are safe for the consumer.
- ❖ The fact that it is a monitoring programme does not give continuity to the data.

REGULATIONS

- ❖ General principles and requirements of legislation: 178/2002.
- ❖ Specific hygiene rules for food of animal origin: 853/2004.
- ❖ Specific rules for the organization of official controls: 854/2004.
- ❖ Microbiological criteria for foodstuffs: 2073/2005.
- ❖ Maximum level of certain contaminants in foodstuffs: 1881/2006.
- ❖ Use of certain food additives: 2015/647.
- ❖ Uniform practical arrangements for carrying out official controls on products of animal origin: 2019/627.



Graph 1: Number of samples of fishery products analyzed in the period 2012-2016. (ASPB, personal communication).

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