Title:	Chemical parameters characterization of an infant milk formula: problem- based learning applied to the advanced Analytical Chemistry practical course
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Chemistry students are often not able to interrelate and apply the theoretical knowledge to the experimental work, therefore, it is necessary to use teaching strategies such as the webquest, to improve the student's learning process by promoting collaborative work and giving the course a more professional character.

One of the webquests under development for its application to the "Laboratori de Química Analítica (LQA)" subject, where a case of real analysis is presented, consists of the physicochemical characterization of a series of parameters of milk formula for babies in order to check if it meets the specifications of the current regulations to be marketed.

The development of this WQ requires the search and selection of bibliographic resources, which contain the information that the WQ itself will provide to students once it has been developed, both in terms of legislation, as well as more appropriate sample treatments and analysis techniques, to solve the case being studied. In this TFG this search was carried out, focused on methods of sample treatment and analysis not described in the existing LQA laboratory manual. The parameters to be determined and the methodologies for their determination will be selected based on the objectives and the capabilities of the subject and the availability and infrastructure of the laboratory.