

CERTIFICATE SUPPLEMENT (*)
SPAIN

TITLE OF THE CERTIFICATE (original language: ES)

LABORATORY EXPERT

TRANSLATED TITLE OF THE CERTIFICATE (language)

PROFILE OF SKILLS AND COMPETENCES

General competence

Prepare samples and perform physical analyses, chemical analyses, microbiological tests, following the appropriate analytic procedures and methods and observing the required safety and environmental regulations.

Competence units

1. Performing the operations of preparing the test and analysis.
2. Performing physical and physico-chemical analyses.
3. Performing systematic chemical analyses.
4. Performing microbiological tests.
5. Acting in accordance to laboratory, safety and environmental good practice.

RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

Laboratory supervisor. Raw materials and finished products analyst. Laboratory analyst (physics, chemistry, instrumentals, microbiology). Quality control analyst. Control laboratory technician. Laboratory coordinator. Research and development (R&D) analyst. Water analyst.

(*) Explanatory note

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

The body awarding this Certificate Supplement may leave blank any box considered not to be applicable.

Name and status of the body awarding the certificate MINISTERIO DE EDUCACIÓN, CULTURA Y DEPORTE (Central Government)	Name and status of the national/regional authority providing accreditation/recognition of the certificate MINISTERIO DE EDUCACIÓN, CULTURA Y DEPORTE (Central Government) COMPETENT BODY IN THE AUTONOMOUS COMMUNITY (Autonomic Government)
Level of the certificate in the awarding country Intermediate Vocational Training (CNED 33 F– Specific Intermediate Vocational Training and equivalents, Plastic Arts and Design, and Sports)	Grading scale / Pass requirements Basic regulation of the Ministry of Education, Culture and Sports of 21 July 1994. Occupational modules: graded from 1 to 10 (5 is pass). Training at work: pass / fail. Continuous assessment system.
Access to next level of education/training Secondary Education and Advanced Training Cycles in the same occupational family or a related family as per regulations.	International agreements
Legal basis Law 1/1990 of October 3, Organic Law5/2002 of June 19, Royal Decree 676/1993 of May 7, Royal Decree 777/1998 of April 30 ROYAL DECREE 817/1993, of May 28 (BOE 22/07/93), modified by ROYAL DECREE 2207/93 of December 17.	

OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of vocational education and training received	Percentage of total programme (%)	Duration <i>hours/weeks/months/years</i>
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* At Secondary Education Centres or approved training centres, including training modules of a theoretical-practical nature and Training at Work.

- PHYSICAL AND PHYSICO-CHEMICAL ANALYSIS
- TRAINING AT WORK
- OCCUPATIONAL TRAINING AND GUIDANCE
- INFORMATION AND SAFETY IN A LABORATORY
- BASIC LABORATORY OPERATIONS
- MICROBIOLOGICAL TESTS
- CHEMISTRY AND CHEMICAL ANALYSIS

	<i>Total duration of the education/ training leading to the certificate</i>	1300 hours
Entry requirements Holding the Secondary Education Graduate Certificate or equivalent certificate for entry purposes. Holding the certificate of the entry examination.		
Additional information More information available at: http://www.educacion.es		