

## CERTIFICATE SUPPLEMENT (\*) SPAIN

1. TITLE OF THE CERTIFICATE (original language: ES)

TÉCNICO SUPERIOR EN LABORATORIO DE DIAGNÓSTICO CLÍNICO

2. TRANSLATED TITLE OF THE CERTIFICATE (language: EN)

ADVANCED EXPERT IN CLINICAL DIAGNOSTIC LABORATORY

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

General competence

Perform analytical studies of human biological samples, interpreting and assessing the technical results so that they may be used to support clinical diagnostics and/or for research purposes, acting in accordance to quality, safety and environmental rules, organizing and managing the respective areas in the clinical diagnostic laboratory, under appropriate supervision.

Competence units

1. Organising and managing, at the appropriate level, the relevant work area within the unit/office.
2. Taking, recording, classifying and distributing human biological samples.
3. Perform biochemistry studies, processing and analysing human biological samples.
4. Perform microbiological studies, processing and analysing human biological samples.
5. Perform haematological and genetic studies, processing and analysing human bone marrow and blood samples, and obtain blood products.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

Occupations or jobs:

Clinical diagnostic laboratory expert. Research and experimentation laboratory expert. Toxicology laboratory expert. Sales representative for hospital and pharmaceutical products.

**(\*) 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.

6. OFFICIAL BASIS OF THE CERTIFICATE

<p><b>Name and status of the body awarding the certificate</b>          MINISTERIO DE EDUCACIÓN, CULTURA Y DEPORTE          (Central Government)</p>	<p><b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b>          MINISTERIO DE EDUCACIÓN, CULTURA Y DEPORTE          (Central Government)          COMPETENT BODY IN THE AUTONOMOUS COMMUNITY          (Autonomic Government)</p>
<p><b>Level of the certificate in the awarding country</b>          Advanced Vocational Training (CNED 51 H– Advanced Specific Vocational Training and equivalents, Plastic Arts and Design, and Sports)</p>	<p><b>Grading scale / Pass requirements</b>          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.</p>
<p><b>Access to next level of education/training</b></p> <ul style="list-style-type: none"> <li>- Teacher (all majors)</li> <li>- Social Education Diplomaed Specialist.</li> <li>- Nursery Diplomaed Specialist.</li> <li>- Physiotherapy Diplomaed Specialist</li> <li>- Speech Therapy Diplomaed Specialist.</li> <li>- Chiropody Diplomaed Specialist.</li> <li>- Occupational Therapy Diplomaed Specialist.</li> <li>- Social Work Diplomaed Specialist.</li> </ul>	<p><b>International agreements</b></p>
<p><b>Legal basis</b>          General Organic Law of the Educational System 1/1990 of October 3, Organic Law 5/2002 of June 19 on Qualifications and Vocational Training, Royal Decree 676/1993 of May 7, Royal Decree 777/1998 of April 30.          ROYAL DECREE 539/1995, of April 7 (BOE 03.06.95).</p>	

6. 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>
---	-----------------------------------	---

\* At Secondary Education Centres or approved training centres, including training modules of a theoretical-practical nature and Training at Work.

- TRAINING AT WORK
- OCCUPATIONAL TRAINING AND GUIDANCE
- FOUNDATIONS AND TECHNIQUES OF BIOCHEMISTRY ANALYSIS
- FOUNDATIONS AND TECHNIQUES OF HAEMATOLOGICAL AND CYTOLOGICAL ANALYSIS
- FOUNDATIONS AND TECHNIQUES OF MICROBIOLOGICAL ANALYSIS
- TAKING, PREPARING, AND PRESERVING HUMAN BIOLOGICAL SAMPLES
- ORGANIZATION AND MANAGEMENT OF WORK I N THE AREA ASSIGNED WITHIN THE DIAGNOSTIC LABORATORY UNIT/OFFICE

	<i>Total duration of the education/ training leading to the certificate</i>	2000 hours
<p><b>Entry requirements</b>          Holding the Certificate in Post-Compulsory Secondary Education (Bachillerato) or holding the corresponding certificate of the entry examination.</p>		
<p><b>Additional information</b>          More information available at:  <a href="http://www.educacion.es">http://www.educacion.es</a></p>		
<hr/>		