

1. TITLE OF THE CERTIFICATE (ES)

**Certificado de Profesionalidad de nivel 3 en
AGAN0212 REALIZACIÓN DE PROCEDIMIENTOS EXPERIMENTALES CON ANIMALES PARA INVESTIGACIÓN Y OTROS
FINES CIENTÍFICOS**

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

**Professional Certificate Level 3 in
AGAN0212 PERFORMANCE OF EXPERIMENTAL PROCEDURES WITH ANIMALS FOR RESEARCH AND OTHER SCIENTIFIC
PURPOSES
(This translation has no legal status)**

3. PROFILE OF SKILLS AND COMPETENCES

The holder of this certificate will have acquired the **general competence** to perform experimental procedures using animals or isolated organs, tissues and cells derived from them, including their handling, sample analysis and reproduction techniques performance, following standardized working protocols, occupational risks prevention planning and regulation, under the supervision of the faculty responsible of animal health and welfare or research staff. This general competence is divided into the following **skill units** (UC):

- Handle animals associated to procedures used in experimentation centres (UC1724_2).
- Carry out experimental procedures with animals (UC1737_3).
- Apply reproduction techniques in animals used in experimental procedures (UC1738_3).
- Carry out experimental procedures with isolated organs, tissues and cells of animals (UC1739_3).
- Collect biological samples of animals and perform laboratory tests (UC1586_3).
- Conduct molecular biology analysis in biological samples (UC1740_3).
- Prevent occupational risks involved in handling of animals and toxic and dangerous products (UC1725_2).

The professional skills are acquired through the **learning outcomes** defined within the related Training Modules (MF):

- Handling of laboratory animals (MF1724_2).
- Experimental procedures with animals (MF1737_3).
- Animal reproduction techniques used in experimental procedures (MF1738_3).
- Experimental procedures with isolated organs, tissues and cells of animals (MF1739_3).
- Analysis of animal biological samples in laboratory (MF1586_3).
- Analysis of molecular biology in biological samples (MF1740_3).
- Occupational risks prevention involved in handling animals for research and toxic and dangerous products (MF1725_2).
- Practical training at the workplace in performance of experimental procedures with animals for research and other scientific purposes (MP0516)

(See legal basis for all learning outcomes information acquired by the holder of this Certificate in each MF).

As a reference the learning outcomes include in the Practical training at the workplace that complete and reinforce the learning outcomes acquired in the other training modules, are:

- Handle animals in centres of laboratory animal reproduction, care and maintenance.
- Collaborate with the faculty responsible of carrying out euthanasia on laboratory animals.
- Participate in working processes, following the rules and instructions established in a research centre involving animal experimentation.
- Organize daily activities, following the standardized working protocols, in a centre of laboratory animal experimentation.
- Understand and carry out the working instructions for performing a tissue culture.
- Identify and assimilate the working rules of a clinical analysis in a laboratory.
- Participate in the development of different procedures for the molecular analysis in biological samples.
- Prevent occupational hazards associated with the handling of animals.
- Participate in the working processes of the company, following the rules and instructions established at the workplace.

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

The holder of this certificate may work in the health sector, pharmaceutical industry and scientific research centres in the area of research and development where animal testing is performed. The most relevant occupations and work positions are:

- Lab technician in animal testing laboratories.
- Lab technician using organs, tissues and cells of animal origin.
- Technician of reproduction animals for experimentation.
- Technician for molecular biology analysis in animal testing centers.
- Technician of veterinary clinical analysis.
- Technician in animal housing units for experimentation.
- Category “B” staff in centres for experimental animals.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the national/regional authority providing accreditation/recognition of the certificate

The Ministry of Employment and Social Security or the corresponding autonomous regional administration within the scope of its competence, in the name of the King. The certificate is valid throughout Spain.

Level of the certificate

The Professional Certificate Level 3 of the National Repertoire of Professional Certificates corresponds to level 4 of the International Standard Classification of Education (ISCED-P 2011).

The European Qualification Framework (EQF) level:

Grading scale/Pass requirements

The grading scale and pass level of the training modules are expressed on a scale of 0 to 10. The minimum score for a pass is 5 in every training module including a pass in the practical training at the workplace module.

The grading system is as follows:

- FAIL: 0 to 4.9
- PASS-SATISFACTORY: 5 to 6.9
- PASS-GOOD: 7 to 8.9
- PASS-EXCELLENT: 9 to 10

Access to next level of education/training

This Professional Certificate Level 3 gives access to Professional Certificate Level 3 within the same professional area and family.

For validation purposes, the educational authorities will recognise the professional module or modules of the VET diplomas corresponding to the skills units included in the training modules of this certificate.

Legal basis

Royal Decree 983/2013 of December 13th, by which four professional certificates of the Professional Family of Agriculture, included in the National Repertoire of professional certificates are established. (Appendix IV Code. AGAN0212)

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

This certificate may be acquired by:

1. Training: Completion with a pass grade of the face-to-face or online training programme.
2. Recognition of the professional skills acquired through professional experience or non-formal training (prior learning): Completion of a process of skills evaluation and accreditation in all the skills units making up the professional certificate.
3. Dual training: Completion of a training and apprenticeship contract, which may range from 1 year (or 6 months, if stipulated as such in the collective agreement) to 3 years, during which effective working time is combined with time dedicated to training under the training programme for the professional certificate.

The training method (number 1 above) requires successful completion of the training modules and the practical training at the workplace:

Description of vocational training received	Percentage of total programme (%)	Duration (hours)
Training modules	84	630
Practical training at the workplace	16	120
Total duration of training leading to the certificate		750

Entry/access requirements:

- *Bachiller* Diploma (upper secondary education); or
- Professional Certificate Level 2 in the same professional area.
- If neither of the above or higher certifications are held, a pass in the key skills tests.

Additional information: Professional certificates are instruments for official accreditation of the professional qualifications in the National Catalogue of Professional Qualifications for all economic activities, within the scope of the labour administration. The National Repertoire of Professional Certificates is divided into three qualification levels (Level 1, Level 2 and Level 3), and by sectors into 26 professional families and 102 professional areas. More information is available at: www.sepe.es

National Europass Centre: www.sepie.es

(*) **Explanatory note:** This document is designed to provide additional information about the specified certificate, but has no 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.

More information is available at: <http://europass.cedefop.eu.int>

Information on Professional Certificates of the Map of Qualifications and Vocational Training in Spain

