

## 1. Title of the certificate <sup>1</sup>

**Δίπλωμα Επαγγελματικής Ειδικότητας Εκπαίδευσης και Κατάρτισης Επιπέδου 5. Ειδικότητα Ι.Ε.Κ.:  
ΤΕΧΝΙΚΟΣ ΦΑΡΜΑΚΩΝ ΚΑΛΛΥΝΤΙΚΩΝ και ΠΑΡΕΜΦΕΡΩΝ ΠΡΟΙΟΝΤΩΝ Ν. 4186/2013**

## 2. Translated title of the certificate <sup>2</sup>

**Vocational Training Diploma Initial Vocational Training (I.E.K.) Level 5. Specialty of I.E.K.:  
TECHNICIAN OF MEDICINES, COSMETICS & SIMILAR PRODUCTS N. 4186/2013**

## 3. Profile of skills and competences

LEARNING OUTCOMES A typical holder of the certificate is able to:

### KNOWLEDGE

- Adequately classify the official methods of Analytical Chemistry and Organic Chemical Analysis about medicines and cosmetics.
- Recognise and describe the qualitative and quantitative composition and properties of raw materials and products (physicochemical constants, identifications, measurements, etc.).
- Determine and evaluate the interactions of chemical compounds in the composition of medicines, cosmetics, and similar products.
- Indicate and describe the basic principles of microbiological methods applied to medicine testing.
- List and quote the basic provisions of laws on cosmetics testing and evaluation.

### SKILLS

- Record the types of components and the proportions thereof in the compositions of medicines and cosmetics and provide a written report about the observation's outcomes to the pharmacist or chemist responsible.
- Perform checks on the purity and qualitative examination of raw materials and performs the calculations required.
- Prepare and be responsible for the execution of procedures and terms for the delivery of the correct product.
- Conduct quality and reliability (organic and inorganic) checks for pharmaceutical and cosmetic products at all production process stages and record the results.
- Operate and maintain the mechanical and laboratory equipment of medicines and cosmetics industries.
- Package, store and safeguard raw materials and products in special warehouses and premises.

### COMPETENCES

- Apply proper manufacturing and control rules for medicines and cosmetics (GMP and GLP).
- Ensure the application of established regulations and specifications regarding the precise composition of a product and the activities required (changes and alterations).
- Adopt rules of health and safety in the workplace, assess the risks emerging from the possible toxic effects of chemical compounds and medicines, and take the necessary precaution and protection measures.
- Accurately execute instructions for galenic preparations in the pharmaceutical laboratory under the supervision of a pharmacist in charge.

## 4. Range of occupations accessible to the holder of the certificate <sup>3</sup>

The holder of this Diploma can be employed in pharmaceutical industries and agencies, in cosmetics and veterinary products industries, in the laboratories of private and public pharmacies, in analysis laboratories, the Greek National Pharmaceuticals Organisation, the State Chemical Laboratory, research centres and institutes, chemical industries. The professional rights of this specialty have been regulated with Presidential Decree no. 6/2000 (Greek Official Gazette 8/Vol. A/19-1-2000), as currently in force.

The Vocational Training Diploma is recognised as a qualification for appointment in the public sector according to the Presidential Decree no. 50/2001 (Greek Official Gazette 39/Vol. A/5-3-2001), as currently in force.

<sup>1</sup> In the original language. | <sup>2</sup> If applicable. This translation has no legal status. | <sup>3</sup> If applicable.

## 5. Official basis of the certificate

### Body awarding the certificate

E.O.P.P.E.P.  
(National Organisation for the Certification of  
Qualifications and Vocational Guidance)  
41 Ethnikis Antistaseos Avenue, 142 34 N. Ionia  
<https://www.eoppep.gr/>

### Authority providing accreditation / recognition of the certificate

E.O.P.P.E.P.  
(National Organisation for the Certification of Qualifications  
and Vocational Guidance)  
41 Ethnikis Antistaseos Avenue, 142 34 N. Ionia  
<https://www.eoppep.gr/>

### Level of the certificate (national or European) <sup>1</sup>

Level 5 National and European Qualifications Framework

### Grading scale / Pass requirements

- a) acquisition of the Vocational Training Certificate (V.E.K.) after successful completion of study at the Vocational Training Institute (I.E.K.)  
b) acquisition of the Vocational Training Diploma after:
1. success in the theoretical part of Initial Vocational Training certification examinations (Grading scale = 1-20, Pass = 10) and
  2. success in the practical part of the Initial Vocational Training certification examinations (Pass/Fail)

### Access to next level of education / training <sup>1</sup>

Yes

### International agreements on recognition of qualifications <sup>1</sup>

No

### Legal basis

Law 2009/1992 on the National System of Vocational Education and Training  
Law 4186/2013 on the Restructure of Secondary Education  
Law 4763/2020 on National System of Vocational Education, Training and Lifelong Learning

## 6. Officially recognised ways of acquiring the certificate

Total duration of the education / training leading to the certificate. Success in the Initial Vocational Training certification examinations 4 semesters (until law 4186/2013) / 5 semesters (after law 4186/2013)

## 7. Additional information

### Entry requirements <sup>1</sup>

Certificate of Upper Secondary School. Qualification of Level 4 (NQF/EQF) // Certificate Vocational Training School (SEK) – Qualification of Level 3 (NQF/EQF)

Following the voting of L. 4763/2020, only by an Upper Secondary Education certificate or an equivalent title of studies (Qualification of Level 4 NQF/EQF)

#### Indicative subjects taught:

General & Organic Chemistry, Analytical Chemistry I & II, Pharmaceutical Technology I & II, Testing Methods of Medicines, Cosmetics Testing-Evaluation, Cosmetology I & II, Occupational Safety & Hygiene, Marketing of Medicines - Cosmetics.

### More information

National Qualifications Framework : <https://nqf.gov.gr/> and <https://proson.eoppep.gr/en>

National Europass Centre: **EL/NEC - E.O.P.P.E.P.** National Organisation for the Certification of Qualifications and Vocational Guidance, Ethnikis Antistaseos 41 Avenue, 142 34 N. Ionia, Greece. T.0030 2102709000 [europass@eoppep.gr](mailto:europass@eoppep.gr)  
<http://europass.eoppep.gr> [www.eoppep.gr](http://www.eoppep.gr)

<sup>1</sup> If applicable.