

1. Title of the certificate ¹

**Δίπλωμα Επαγγελματικής Ειδικότητας Εκπαίδευσης και Κατάρτισης Επιπέδου 5 Ειδικότητα Ι.Ε.Κ.:
ΤΕΧΝΙΚΟΣ ΦΑΡΜΑΚΩΝ ΚΑΛΛΥΝΤΙΚΩΝ ΚΑΙ ΠΑΡΕΜΦΕΡΩΝ ΠΡΟΪΟΝΤΩΝ**

2. Translated title of the certificate ²

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

3. Profile of skills and competences

LEARNING OUTCOMES (KNOWLEDGE, SKILLS, COMPETENCES). 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 qualitatively and quantitatively the composition and properties of raw materials and products (physicochemical constants, identifications, measurements, etc.).
- Evaluate the interactions of chemical compounds in the composition of medicines and cosmetics.
- Describe the basic principles of microbiological methods applied to medicines and cosmetics testing.
- List the basic provisions of Pharmaceutical Law.

SKILLS

- Accurately execute the orders - prescriptions for the preparation of pharmaceutical and cosmetic products under the supervision of the pharmacist responsible.
- Prepare galenic preparations at the pharmaceutical laboratory.
- Record the types of components and the proportions thereof in the compositions of medicines and cosmetics and give a written report about the results of the observations to the pharmacist or chemist responsible.
- Perform quality and reliability checks at every stage of the productive procedure and record the results.
- Conduct checks (organic and inorganic) in analytical laboratories and Institutes, as well as in Biochemical and Microbiological Laboratories.
- Operate and maintain the mechanical and laboratory equipment of the medicines and cosmetics industries.

COMPETENCES

- Safely apply the good manufacturing and control rules for medicines and cosmetics (GMP and GLP), as well as the work health and safety rules.
- Ensure the application of the established regulations and specifications for the precise composition of the product and of the activities (changes and alterations).
- Work autonomously, undertaking the responsibility for the costing, selection, and evaluation of offers for the procurement of consumable and non-consumable materials.
- Evaluate the risks from a possible toxic action and poisoning coming from medicines and take the necessary precaution measures against the relevant risks.

4. Range of occupations accessible to the holder of the certificate ³

The holder of this Diploma can work as an employee or on a self-employed basis in pharmaceutical industries and agencies, in cosmetics and veterinary products industries, in hospitals, pharmacies, analysis laboratories, the Greek National Pharmaceuticals Organisation, the State Chemical Laboratory, research centers and institutes, hospital and sanitary materials industries, chemical industries etc.

The Vocational Training Diploma is recognised as a qualification for appointment in the public sector falling in the category S.E. (Secondary Education) according to the Presidential Decree no.50/2001 (Greek Official Gazette 39/Vol.A/5-3-2001).

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

5. Official basis of the certificate

Body awarding the certificate

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

Level of the certificate (national or European) ¹

Level 5 National and European Qualifications Framework

Access to next level of education / training ¹

Yes

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

Authority providing accreditation / recognition of the certificate

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

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)

International agreements on recognition of qualifications ¹

No

6. Officially recognised ways of acquiring the certificate

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

7. Additional information

Entry requirements ¹

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 Chemistry, Analytical Chemistry I & II, Physical and Chemical Processes, Hygiene and Safety, Elements of Statistical Accountancy, Organic Chemistry, Biochemistry, Chemical Technology, Environment, Physical Pharmaceuticals, Testing Methods for Medicine, Pharmaceutical Technology I & II, Cosmetology I & II, Pharmacology – Toxicology, Good Operation Rules for Production, Medicine Quality Control, Cosmetics Control and Evaluation, Pharmaceuticals and Cosmetics Marketing, Practical Training, English, Computing.

More information

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

National Europass Centre: **EL/NEC - E.O.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
<http://europass.eoppep.gr> www.eoppep.gr

¹ If applicable.