

Interdepartmental Research Center for the  
Innovation of Health Products  
BIOPHARMANET-TEC



BIOPHARMANET TEC

**Allegato 7.1**

Tariff

Valid from April 2023

**RATE OF PAID SERVICES**  
**(prices in Euro net of legal taxes)**

Development of a qualitative-quantitative analysis method of a substance of pharmaceutical, cosmetic, phytoiatric, dietary-food interest	3.500,00
Development of an analysis method to recognize and dose contaminating substances or any impurity present in a substance of pharmaceutical, cosmetic, dietary-food interest, (synthetic intermediates, degradation products, etc.)	1.800,00
Development of an analytical method for the identification and dosage of an active ingredient present in a pharmaceutical, cosmetic, dietary-food preparation, of which there are references available in the literature	3.000,00
Particle size determinations by laser diffractometer method	300,00
Determination of the disaggregation time according to the Pharmacopoeia method	200,00
Determination of the friability of tablets according to the Pharmacopoeia method	200,00
Evaluation of the dissolution rate according to Pharmacopoeia methods with an active principle (U.V.-Vis analytical method)	1.500,00
Evaluation of the dissolution rate according to Pharmacopoeia methods with an active ingredient (HPLC analytical method known)	3.000,00
MTT viability test (colorimetric tetrazolium salt) on cell lines available.	2.900,00
Continuous execution of quantitative determinations of a component in a mixture, when the method is known: each determination	400,00
Continuous execution of quantitative determinations of two components in a mixture, when the method is known: each determination	600,00
Continuous execution of quantitative determinations of a component in a mixture, with two different methods	1.500,00
Characterization of the water content by Karl Fischer titration	
up to 9 tests, each	200,00
up to 19 tests, each	150,00
up to 29 tests, each	140,00
up to 39 tests, each	130,00
over 39 tests, each	120,00
Thermal Analysis (DSC) of substances of pharmaceutical interest	300,00
Diffractometric analysis (RX) on powder	300,00
Characterization of the size distribution of an aerosol by means of a Pharmacopoeia impactor; up to 5 tests, each	1.800,00

Characterization of the size distribution of an aerosol by means of a Pharmacopoeia impactor; over 5 tests, each	1.500,00
Characterization studies of the features of a nasal product	
Plume geometry, spray-pattern	1.800,00
Mucoadhesion on the nasal mucosa <i>ex vivo</i>	3.000,00
Deposition on nasal cast	1.800,00
Permeation on nasal tissue <i>ex vivo</i>	3.000,00
Permeation on human nasal epithelium model <i>in vitro</i> (cell cultures)	2.500,00
Characterization of the distribution of an aerosol by Laser Diffraction in "wet condition"	
up to 9 tests, each	500,00
from 10 to 19 tests, each	400,00
from 20 to 49 tests, each	250,00
over 49 tests, each	200,00
Characterization of the distribution of an aerosol by Laser Diffraction in "dry condition"	
up to 9 tests, each	600,00
from 10 to 19 tests, each	500,00
from 20 to 49 tests, each	350,00
over 49 tests, each	250,00
Evaluation of the cholesterol efflux potential of sera;	
semi-selective determination, each	250,00
selective determination	350,00
Characterization of the size distribution of an Aerosol by Next Generation Pharmaceutical Impactor or with Andersen Cascade Impactor according to EN 13544-1: 2007 + A1 (August 2009 edition) or according to ISO 27427: 2010 "Anesthetic and respiratory equipment -Nebulizing systems and components" with HPLC method on an aerosol therapy device, with an ampoule and a drug up to 5 tests, each	1.800,00
For multiple orders (more nebulizers or more ampoules) there is a price reduction, on the total invoice, so for every 5 commissioned determinations the sixth will be made free of charge.	
Characterization of the size distribution of an Aerosol by Next Generation Pharmaceutical Impactor or with Andersen Cascade Impactor according to EN 13544-1: 2007 + A1 (August 2009 edition) or according to ISO 27427: 2010 "Anesthetic and respiratory equipment - Nebulizing systems and components" with Sodium Fluoride on an aerosol therapy device, with an ampoule up to 5 tests, each	1.500,00
For multiple orders (more nebulizers or more ampoules) there is a price reduction on the total invoice, so for every 5 determinations commissioned the sixth will be made free of charge.	
Determination of the <i>Aerosol Output</i> by HPLC according to EN 13544-1: 2007 + A1 (August 2009 edition) or according to ISO 27427: 2010 "Anesthetic and respiratory equipment -Nebulizing systems and components" on an aerosol therapy device, with an ampoule and a drug	750,00

For multiple orders (more nebulizers or more ampoules) there is a price reduction, on the total invoice, so for every 5 commissioned determinations the sixth will be made free of charge

Determination of the Aerosol Output Rate by HPLC according to EN 13544-1: 2007 + A1 (August 2009 edition) or according to ISO 27427: 2010 "Anesthetic and respiratory equipment -Nebulizing systems and components" on an aerosol therapy device, with an ampoule and a drug 750,00

For multiple orders (more nebulizers or more ampoules) there is a price reduction, on the total invoice, so for every 5 commissioned determinations the sixth will be made free of charge

Determination of the Aerosol Output according to EN 13544-1: 2007 + A1 (August 2009 edition) or according to ISO 27427: 2010 "Anesthetic and respiratory equipment -Nebulizing systems and components" with sodium fluoride on an aerosol therapy device, with an ampoule 500,00

For multiple orders (more nebulizers or more ampoules) there is a price reduction on the total invoice, so for every 5 determinations commissioned the sixth will be made free of charge.

Determination of the Aerosol Output Rate according to EN 13544-1: 2007 + A1 (August 2009 edition) or according to ISO 27427: 2010 "Anesthetic and respiratory equipment -Nebulizing systems and components" on an aerosol therapy device, with an ampoule 500,00

For multiple orders (more nebulizers or more ampoules) there is a price reduction on the total invoice, so for every 5 determinations commissioned the sixth will be made free of charge.

Determination of the Aerosol Output by gravimetry according to internal method on an aerosol therapy device, with an ampoule and a drug 500,00

For multiple orders (more nebulizers or more ampoules) there is a price reduction on the total invoice, so for every 5 determinations commissioned the sixth will be made free of charge.

Determination of the Aerosol Output Rate by gravimetry according to internal method on an aerosol therapy device, with an ampoule and a drug 500,00

For multiple orders (more nebulizers or more ampoules) there is a price reduction on the total invoice, so for every 5 determinations commissioned the sixth will be made free of charge.

Stability study of an active ingredient of pharmaceutical, cosmetic, dietary-food interest, and development of analytical methods to identify and quantify the degradation products 6.000,00

Development of an extraction procedure of a natural principle, already described in literature,  
with an extraction step 1.500,00  
with two extraction steps 2.000,00  
with three extraction steps 3.200,00

Development of an extraction procedure of a natural principle, not described in literature,  
with an extraction step 2.000,00

with two extraction steps	2.500,00
with three extraction steps	3.500,00
Development of a synthesis, already described in the literature	
with an organic preparatory step	1.200,00
with two organic preparatory steps	2.000,00
with three organic preparatory steps	2.800,00
with four organic preparatory steps	3.500,00
with five organic preparatory steps	5.000,00
Development of a synthesis, not described in literature,	
with an organic preparatory step	2.500,00
with two organic preparations steps	4.000,00
with three organic preparatory steps	5.000,00
with four organic preparatory steps	6.500,00
with five organic preparatory steps	8.000,00
Custom synthesis of compounds of pharmaceutical interest -100 mg	200,00
Study of formulation and industrial production (change of scale)	4.600,00
Physical and chemical stability study of pharmaceutical forms	6.000,00
NMR spectrum acquisition of substances of pharmaceutical interest	50,00
Wettability of powders applying the drop contact angle method. Production of three mini-tablets and analysis of 6 drops per sample	
	600,00
For more than 10 samples	500,00
Standard method spray drying, each experiment	800,00
Standard method freeze-drying, each experiment	800,00
Development of freeze-drying cycle	5.000,00
Development of tableting process	3.000,00
Structural investigation using single crystal X-ray diffractometry (selection and set-up of sample, data collection and analysis, reporting)	
	3.500,00
Without data analysis and structural interpretation	1.500,00
Selection and set-up of sample for determination of elementary cell with single crystal X-ray diffractometry	500,00
Selezione e montaggio cristallo singolo per determinazione della cella elementare mediante diffrazione	
Consultancy on behalf of third parties within the walls: cost per hour	250,00
Consultancy for third parties outside the walls: cost per hour	350,00