RECTORATE

# RESOLUTION No. 01385

Whereby Resolution No. 737 of 13 August 2010 is amended, in order to update and include new fees and services of the Chromatography Laboratory of the Department of Chemistry of the Faculty of Exact and Natural Sciences.

THE RECTOR OF THE UNIVERSIDAD DE CALDAS, in exercise of his legal and statutory powers, in particular those conferred by Article 1 of Agreement No. 15 of 25 August 2016, issued by the University Superior Council, and

## CONSIDERING:

That under Article 1 of Agreement No. 15 of 25 August 2016 of the University Superior Council, the power to set the fees for general and miscellaneous university services offered by the Universidad de Caldas is delegated to the Rector.

That the Coordinator of the Chromatography and Related Techniques Laboratory of the Department of Chemistry of the Faculty of Exact and Natural Sciences has requested the update and inclusion of new fees and services offered by said laboratory.

That the laboratory has expanded its service portfolio and, due to the high market demand, it is necessary to adjust the current fees and formalise the offer of the new services.

That, consequently, it is required to partially amend Resolution No. 737 of 13 August 2010, specifically with regard to chromatographic analyses, while the other services established in said resolution remain in force.

That the Advisory Office of Planning and Systems, in compliance with the paragraph of Article 1 of Agreement 15 of 2016, and based on the submitted request and the corresponding market study, has assessed the feasibility of the fee update. Said study concludes that the values must be adjusted according to the incorporation of new services and technologies, as well as the market conditions and comparable services offered by other institutions, remaining competitive against them.

## HEREBY RESOLVES

ARTICLE ONE: Update Resolution No. 737 of 2010 and include the new fees and services offered by the Chromatography Laboratory of the Department of Chemistry of the Faculty of Exact and Natural Sciences of the Universidad de Caldas, based on the following table:

| # | Service / Product Description | SMMLV | Value / sample 2025 |
|---|---|---|---|
| 1 | Quantitative chromatographic analysis by GC (non-MS) (1 to 99 samples) | 0.53 | $ 754,455 |
| | (100 to 199 samples) 50% discount | 0.27 | $ 377,228 |
| | (200 samples or more) 55% discount | 0.24 | $ 339,505 |
| 2 | Qualitative chromatographic analysis by GC-MS (1 to 99 samples) | 0.59 | $ 839,865 |
| | (100 to 199 samples) 50% discount | 0.30 | $ 419,933 |
| | (200 samples or more) 55% discount | 0.27 | $ 377,939 |
| 3 | Quantitative chromatographic analysis by HPLC (non-MS) (1 to 99 samples) | 0.20 | $ 284,700 |
| | (100 to 199 samples) 50% discount | 0.10 | $ 142,350 |
| | (200 samples or more) 55% discount | 0.09 | $ 128,115 |
| 4 | Total organic carbon and total nitrogen analysis (1 to 99 samples) | 0.20 | $ 284,700 |
| | (100 to 199 samples) 50% discount | 0.10 | $ 142,350 |

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|---|---|---|---|
| | (200 samples or more) 55% discount | 0.09 | $ 128,115 |
| 5 | ATR-FTIR spectroscopy analysis (1 to 99 samples) | 0.50 | $ 711,750 |
| | (100 to 199 samples) 50% discount | 0.25 | $ 355,875 |
| | (200 samples or more) 55% discount | 0.23 | $ 320,288 |
| 6 | Drone-SPME monitoring flights | 0.25 | $ 355,875 |
| 7 | HGB-SPME monitoring flights | 0.15 | $ 213,525 |
| 8 | Field sound stimulation to improve agricultural conditions | 0.25 | $ 355,875 |
| 9 | Data analytics with HPC and untargeted multivariate analysis | 0.50 | $ 711,750 |
| 10 | Chromatography Course, 120 hours (professionals) | 1.55 | $ 2,200,000 |
| | Chromatography Course, 120 hours (postgraduate student) 40% discount | 0.93 | $ 1,320,000 |
| | Chromatography Course, 120 hours (undergraduate student) 55% discount | 0.69 | $ 990,000 |
| | Chromatography Course, 180 hours (Chemistry degree option) | 3.51 | $ 5,000,000 |
| 11 | Metabolomics Course, 60 hours | 0.77 | $ 1,100,000 |
| 12 | e-nose development (sensors) | 50.00 | $ 71,175,000 |
| 13 | Sensory panel in coffee, wines and rums | 0.50 | $ 711,750 |
| 14 | Field development and implementation of Essential Oil extraction systems | 20.00 | $ 28,470,000 |
| 15 | Physicochemical Analysis | | |
| | % Dry extract | 0.10 | $ 142,350 |
| | Density | 0.10 | $ 142,350 |
| | % Fat | 0.10 | $ 142,350 |
| | % Alcohol | 0.10 | $ 142,350 |
| | Conductivity | 0.10 | $ 142,350 |
| | pH | 0.10 | $ 142,350 |
| | % Moisture | 0.10 | $ 142,350 |
| 16 | Fibreath-4000 Device (box of 3 units) | 2.10 | $ 2,989,350 |

ARTICLE TWO: The fees will be updated based on the market study attached to this resolution and the incorporation of new services, which has increased their demand. Consequently, Resolution No. 737 of 13 August 2010 is amended, exclusively with regard to the services of the Chromatography Laboratory, given that the equipment used in the provision of these services implies fixed costs regardless of the number of samples, the following discounts will be applied as a competitive strategy:

- A 50% discount for each analysis exceeding 100 samples.
- An additional 5% discount for 200 samples or more.
- Special discounts will be granted to participants of the course to be offered, according to the table attached to this resolution.
- The course fees will be set at rounded-up fixed values.

ARTICLE THREE: The market study is an integral part of this document and is incorporated as an annex.

ARTICLE FOUR: The established fees will be subject to an annual increase based on the adjustment of the current legal minimum wage, determined by the National Government.

English translation of Resolution No. 01385 of 2025 of the Universidad de Caldas (original in Spanish).