

## List of activities within the flexible scope of accreditation

**Accredited Body:** Lipidica, a.s.

**CAB Name:** Lipidica laboratory

**CAB Number:** 8330

**Certificate of Accreditation No.:** 193/2025

**Field of Accreditation:** Medical Laboratory - ČSN EN ISO 15189 ed. 3:2023

**Updated:** 25. 4. 2025

### Examinations:

| Ordinal Number                     | Analyte/parameter/diagnostics | Principle of examination                                                                        | Identification of method procedure/ equipment                                                                    | Examined material | Degrees of freedom <sup>1</sup> |
|------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------|
| <b>801 – Clinical Biochemistry</b> |                               |                                                                                                 |                                                                                                                  |                   |                                 |
| 1.                                 | Lipidomic test                | Ultra-high performance supercritical fluid chromatography;<br>Mass spectrometry;<br>Calculation | LIP_SOP_001, v 02;<br>LIP_SOP_002, v 02;<br>LIP_SOP_004, v 02;<br>Acquity UPC2;<br>Xevo G2-XS QToF;<br>SIMCA® 18 | Plasma            | A, B, C                         |

### Specification of the scope of accreditation:

| Field Nr. / Ordinal Number | Detailed information on activities within the scope of accreditation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 801/1                      | <p>Cholesteryl esters (CE) - CE 15:0; CE 16:1; CE 16:0; CE 18:3; CE 18:2; CE 18:1; CE 20:5; CE 20:4; CE 20:3.</p> <p>Ceramides (Cer) - Cer 34:1; Cer 36:1; Cer 38:1; Cer 40:2; Cer 40:1; Cer 41:1; Cer 41:0; Cer 42:3; Cer 42:2; Cer 42:1.</p> <p>Phosphatidylcholines (PC) - PC 30:0; PC 32:2; PC 32:1; PC 32:0; PC 34:4; PC 34:3; PC 34:2; PC 34:1; PC 36:5; PC 36:4; PC 36:3; PC 36:2; PC 36:1; PC 38:7; PC 38:6; PC 38:5; PC 38:4; PC 38:3; PC 38:2; PC 40:7; PC 40:6; PC 40:5; PC 40:4; PC O-32:1; PC O-32:0; PC O-34:3; PC O-34:2; PC O-36:5; PC O-36:4; PC O-36:3; PC O-38:7; PC O-38:6; PC O-38:5; PC O-40:7; PC O-40:5; PC O-40:4; PC O-42:4; PC O-44:5.</p> <p>Lysophosphatidylcholines (LPC) - LPC 14:0; LPC 16:1; LPC 16:0; LPC 18:2; LPC 18:1; LPC 18:0; LPC 20:5; LPC 22:6.</p> <p>Sphingomyelins (SM) - SM 32:1; SM 33:1; SM 34:2; SM 34:1; SM 34:0; SM 36:2; SM 36:1; SM 36:0; SM 37:1; SM 38:2; SM 38:1; SM 39:1; SM 40:2; SM 40:1; SM 41:2; SM 41:1; SM 42:3; SM 42:2; SM 42:1; SM 43:2.</p> <p>Diacylglycerols (DG) - DG 34:2; DG 34:1; DG 36:4; DG 36:3; DG 36:2; DG 36:1 DG 36:0.</p> |

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### Explanatory notes:

<sup>1</sup> Established degrees of freedom according to MPA 00-09-...:

A – Flexibility concerning the documented examination/ sample collection procedure

B – Flexibility concerning the technique

C – Flexibility concerning the analytes / parameters

D – Flexibility concerning the examined material

If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for this examination.