



## 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.:** 189/2024  
**Field of Accreditation:** Medical laboratory - ČSN EN ISO 15189 ed. 2:2013  
**Updated:** 25. 4. 2024

### 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; Mass spectrometry; Calculations	LIP_SOP_001, v 01; LIP_SOP_002, v 01; LIP_SOP_004, v 01; Acquity UPC2; Xevo G2-XS QToF; SIMCA® 18	Plasma	A, B

Field Nr./ Ord. number	Detailed information on activities within the scope of accreditation
801/1	<p>Cholesteryl esters (CE) - CE 12:0; CE 14:0; CE 15:0; CE 16:1; CE 16:0; CE 18:3; CE 18:2; CE 18:1; CE 19:0; CE 20:5; CE 20:4; CE 20:3; CE 20:2; CE 20:0; CE 22:6.</p> <p>Ceramides (Cer) - Cer 30:1; Cer 34:1; Cer 35:1; Cer 36:1; Cer 40:2; Cer 40:1; Cer 41:1; Cer 42:3; Cer 42:2; Cer 42:1; Cer 43:1; Cer 32:3 (1OH); Cer 42:1 (1OH); Cer 42:0 (1OH); Cer 43:0 (1OH); Cer 36:1 D7.</p> <p>Phosphatidylcholines (PC) - PC 28:0; PC 30:0; PC 32:2; PC 32:1; PC 32:0; PC 34:3; PC 34:2; PC 34:1; PC 35:2; PC 35:1; PC 36:6; 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 40:9; PC 40:8; PC 40:7; PC 40:6; PC 40:5; PC 40:4; PC 42:9; PC 42:8; PC 44:2; PC 44:0; PC O-34:3; PC O-34:2; PC O-36:5; PC O-36:4; PC O-36:3; PC O-38:6; PC O-38:5; PC O-40:3; PC O-42:5; PC O-42:4; PC O-44:5; PC O-44:4; PC 33:1 D7.</p> <p>Lysophosphatidylcholines (LPC) - LPC 13:0; LPC 14:0; LPC 15:0; LPC 16:1; LPC 16:0; LPC 18:2; LPC 18:1; LPC 18:0; LPC 20:5; LPC 20:4; LPC 22:6; LPC 22:0; LPC 18:1 D7.</p> <p>Sphingomyelins (SM) - SM 30:1; SM 32:1; SM 33:1; SM 34:2; SM 34:1; SM 35:1; SM 36:2; SM 36:1; SM 36:0; SM 37:1; SM 38:2; SM 38:1; SM 39:1; SM 40:3; SM 40:2; SM 40:1; SM 41:2; SM 41:1; SM 42:3; SM 42:2; SM 42:1; SM 43:2; SM 43:1; SM 36:2 D9.</p> <p>Diacylglycerols (DG) - DG 24:2; DG 28:0; DG 30:0; DG 32:0; DG 34:2; DG 34:1; DG 34:0; DG 36:3; DG 36:2; DG 36:0; DG 33:1 D7; DG 36:2 D5.</p> <p>Triacylglycerols (TG) - TG 36:0; TG 39:0; TG 41:1; TG 42:2; TG 42:1; TG 42:0; TG 44:2; TG 44:1; TG 44:0; TG 45:2; TG 45:1; TG 45:0; TG 46:4; TG 46:3; TG 46:2; TG 46:1; TG 46:0; TG 47:2; TG 47:1; TG 47:0; TG</p>



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<p>48:5; TG 48:4; TG 48:3; TG 48:2; TG 48:1; TG 48:0; TG 49:3; TG 49:2; TG 49:1; TG 49:0; TG 50:6; TG 50:5; TG 50:4; TG 50:3; TG 50:2; TG 50:1; TG 50:0; TG 51:6; TG 51:5; TG 51:4; TG 51:3; TG 51:2; TG 51:1; TG 52:7; TG 52:6; TG 52:5; TG 52:4; TG 52:3; TG 52:2; TG 52:1; TG 52:0; TG 53:6; TG 53:5; TG 53:4; TG 53:3; TG 53:2; TG 54:8; TG 54:7; TG 54:6; TG 54:5; TG 54:4; TG 54:3; TG 54:2; TG 54:1; TG 56:9; TG 56:8; TG 56:7; TG 56:6; TG 56:5; TG 56:4; TG 56:3; TG 56:2; TG 56:0; TG 57:3; TG 58:11; TG 58:10; TG 58:9; TG 58:8; TG 58:7; TG 58:6; TG 58:5; TG 58:3; TG 58:2; TG 60:12; TG 60:11; TG 60:10; TG 60:9; TG 60:8; TG 59:1; TG 62:12; TG 61:3; TG 48:1 D7</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.