|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Direction and method of testing** | **Document acc. to which the test is performed** | **Accreditation (A – accredited, N/A – non-accredited)** | **Time to receive results (working days)** | **Unit of measurement for test** | **\*To be selected by the Client**  **(please**  **mark with “x”)** |
| **1** | **Dry matter**  **Weight method** | **M-LAB-1 version 1 of 12.04.2021** | **(A) – accredited method** | **2–3** | **%** |  |
| **2** | **Total protein**  **Kjeldahl method** | **PN-ISO: 5983-2:2009**  **of 17.06.2013** | **(A) – accredited method** | **2–3** | **%**  **g/kg** |  |
| **3** | **True protein**  **Kjeldahl method** | **M-LAB-2 version 1 of 12.04.2021** | **N/A** | **3-4** | **%**  **g/kg** |  |
| **4** | **Crude oils and fats**  **Weight method** | **M-LAB-3 version 1 of 12.04.2021** | **(A) – accredited method** | **2–3** | **%**  **g/kg** |  |
| **5** | **Oils and fats (total fat)**  **Weight method** | **M-LAB-3 version 1 of 12.04.2021** | **(A) – accredited method** | **2-5** | **%**  **g/kg** |  |
| **6** | **Crude fibre**  **Weight method** | **M-LAB-7 version 1 of 12.04.2021** | **N/A** | **3-10** | **g/kg** |  |
| **7** | **ADF fraction**  **Weight method** | **M-LAB-8 version 1 of 12.04.2021** | **N/A** | **3-10** | **g/kg** |  |
| **8** | **NDF fraction**  **Weight method** | **M-LAB-9 version 1 of 12.04.2021** | **N/A** | **3-10** | **g/kg** |  |
| **9** | **Crude ash**  **Weight method** | **M-LAB-4 version 1 of 12.04.2021** | **(A) – accredited method** | **3-4** | **%**  **g/kg** |  |
| **10** | **Starch**  **Polarimetric method** | **Regulation of the Commission (EC) No. 152/2009 of 27.01.2009, Annex III, L** | **N/A** | **3-4** | **g/kg** |  |
| **11** | **Sieve analysis**  **Sieve method** | **M-LAB-6 version 1 of 12.04.2021** | **N/A** | **2–3** | **%** |  |
| **12** | **Organoleptic evaluation**  **Organoleptic method** | **M-LAB-20 version 1 of 12.04.2021** | **N/A** | **1-2** | **-** |  |
| **13** | **Acid number**  **Titration method** | **PN-EN ISO 660:2021-03 – English version of 09.03.2021** | **N/A** | **2–3** | **mg KOH/g** |  |
| **14** | **Peroxide number**  **Iodometic method** | **PN-EN ISO 3960:2017-03 - English version of 14 March 2017** | **N/A** | **2–3** | **meq O2/kg** |  |
| **15** | **Epihydrin aldehyde**  **Quality evaluation method (Kreis test)** | **M-LAB-11 version 1 of 12.04.2021** | **N/A** | **2–3** | **negative/positive** |  |
| **16** | **Bulk density**  **Hall flow meter method** | **M-LAB-17 version 1 of 12.04.2021** | **N/A** | **2–3** | **g/dm3** |  |
| **17** | **Density**  **Oscillating U-tube method** | **M-LAB-10 version 1 of 12.04.2021** | **N/A** | **2–3** | **g/cm3** |  |
| **18** | **Water activity**  **Dew point method** | **M-LAB-12 version 1 of 12.04.2021** | **N/A** | **2–3** | **-** |  |
| **19** | **Buffer capacity**  **Potentiometer method** | **M-LAB-22 version 1 of 12.04.2021** | **N/A** | **2–3** | **mol/l** |  |
| **20** | **Nitrogen content**  **Kjeldahl method** | **PN-ISO: 5983-2:2009 of 17.06.2013** | **N/A** | **2–3** | **%** |  |
| **21** | **pH**  **Potentiometer method** | **M-LAB-19 version 1 of 12.04.2021** | **N/A** | **2–3** | **-** |  |
| **22** | **Mycotoxins: DON**  **Quantitative method** | **M-LAB-5 version 1 of 12.04.2021** | **N/A** | **5-7** | **ppb** |  |
| **23** | **Mycotoxins: OTA**  **Quantitative method** | **M-LAB-15 version 1 of 12.04.2021** | **N/A** | **5-7** | **ppb** |  |
| **24** | **Mycotoxins: ZEA**  **Quantitative method** | **M-LAB-14 version 1 of 12.04.2021** | **N/A** | **5-7** | **ppb** |  |
| **25** | **Mycotoxins: T-2/HT-2 Toxin**  **Quantitative method** | **M-LAB-13 version 1 of 12.04.2021** | **N/A** | **5-7** | **ppb** |  |
| **26** | **Iron**  **Atomic Absorption Spectrometry method** | **M-LAB-16 version 1 of 12.04.20221** | **N/A** | **up to 7** | **mg/kg** |  |
| **27** | **Copper**  **Atomic Absorption Spectrometry method** | **M-LAB-16 version 1 of 12.04.20221** | **N/A** | **up to 7** | **mg/kg** |  |
| **28** | **Zinc**  **Atomic Absorption Spectrometry method** | **M-LAB-16 version 1 of 12.04.20221** | **N/A** | **up to 7** | **mg/kg** |  |
| **29** | **Manganese**  **Atomic Absorption Spectrometry method** | **M-LAB-16 version 1 of 12.04.20221** | **N/A** | **up to 7** | **mg/kg** |  |
| **30** | **Molybdenum**  **Atomic Absorption Spectrometry method** | **M-LAB-16 version 1 of 12.04.20221** | **N/A** | **up to 7** | **mg/kg** |  |
| **31** | **Calcium**  **Atomic Absorption Spectrometry method** | **M-LAB-16 version 1 of 12.04.20221** | **N/A** | **up to 7** | **g/kg** |  |
| **32** | **Magnesium**  **Atomic Absorption Spectrometry method** | **M-LAB-16 version 1 of 12.04.20221** | **N/A** | **up to 7** | **g/kg** |  |
| **33** | **Sodium**  **Atomic Absorption Spectrometry method** | **M-LAB-16 version 1 of 12.04.20221** | **N/A** | **up to 7** | **g/kg** |  |
| **34** | **Potassium**  **Atomic Absorption Spectrometry method** | **M-LAB-16 version 1 of 12.04.20221** | **N/A** | **up to 7** | **g/kg** |  |
| **35** | **Homogeneity based on copper**  **Atomic Absorption Spectrometry method** | **M-LAB-21 version 1 of 12.04.20221** | **N/A** | **up to 14** | **-** |  |
| **36** | **Homogeneity based on calcium**  **Atomic Absorption Spectrometry method** | **M-LAB-21 version 1 of 12.04.20221** | **N/A** | **up to 14** | **-** |  |
| **37** | **Homogeneity based on iron**  **Atomic Absorption Spectrometry method** | **M-LAB-21 version 1 of 12.04.20221** | **N/A** | **up to 14** | **-** |  |
| **38** | **Homogeneity based on zinc**  **Atomic Absorption Spectrometry method** | **M-LAB-21 version 1 of 12.04.20221** | **N/A** | **up to 14** | **-** |  |
| **39** | **Homogeneity based on manganese**  **Atomic Absorption Spectrometry method** | **M-LAB-21 version 1 of 12.04.20221** | **N/A** | **up to 14** | **-** |  |
| **40** | **Parameter assaying acc. to NIRS method** | **M-LAB-23 version 1 of 03.01.2022** | **N/A** | **1-2** | **%** |  |
| **41** | **CVAS NIR 1 – testing of roughage**  **and other feeds** | **M-LAB-23 version 1 of 03.01.2022** | **N/A** | **2-3** | **%** |  |
| **42** | **CVAS NIR 1 + NIR PLUS** | **M-LAB-23 version 1 of 03.01.2022** | **N/A** | **2-3** | **%** |  |
| **43** | **CSPS – corn silage processing score** | **M-LAB-24 version 1 of 04092025** | **N/A** | **2-3** | **%** |  |
| **44** | **peNDF** | **M-LAB-24 version 1 of 04092025** | **N/A** | **2-3** | **%** |  |

**Other agreed methods/other arrangements with the Client:** ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

Signature of the Client: ……………………………………………………………………………………..