Lab Services

2026 Price List

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enabling positive energy

Price List 2026 current as of 01.07.2026

Lab service	Reason for testing	w
Biological BMP (07)	The biomethane potential of feedstocks is assessed using lab scale fermenters and active inoculum. As well as giving the methane value of a feedstock this method can also indicate the risk of inhibition from a particular feedstock.	14 days £495 28 days £695
Bullet BMP test Plus free Inhibition test (08 & 17)	Rapid feedstock analysis with a standard 3-day service (24-hour service also available) – further info on request	£253.00
Health Check Suite (18)	DM, pH, FOS/TAC, ODM, Ammonium, Conductivity, COD, VFA, HRT, OLR, C:N ratio. A full insight to the health of your digester with interpretation of results and suggested remedial activity. Laboratory Manager Commentary is included in the cost.	£500 **discounted to £450**
Feedstock Suite (15)	DM, ODM, Sulphate, Chloride, PH (Ph can only be done on liquids or moist materials). Laboratory Manager Commentary is included in the cost.	£124 **discounted to £111**
Biological Suite (16)	DM,FOS-TAC Ammonium, VFA PH. Laboratory Manager Commentary is included in the cost.	£216 **discounted to £194**
Trace Element Suite	A trace element analysis (consisting of B, Co, Fe, Cu, Mn, Mo, Na, Ni, S, Se, Zn, NH4-N, DM, pH) combined with a gap analysis will help determine any potential inhibition in the fermentation process. Laboratory Manager Commentary is included in the cost.	£195 **discounted to £175.50**
Dry Matter (DM) (01)	A vital parameter in monitoring loading rates, in tank mixing and viscosity and provides essential information needed for feedstock optimization.	£12.50
pH* (06)	An indication on the state of the fermentation process. (Can only be done on liquids or moist materials)	£11.50
FOS/TAC* (09)	Maintaining a consistent ratio of <0.35 ensures optimal digester operation and helps early detection of potential instability.	£34.50

Lab service	Reason for testing	Cost per test 2026
Organic Dry Matter (ODM) (02)	Provides vital information about organic degradation in the fermenter through the DM: ODM ratio.	£19.50
Ammonium nitrogen (10)	A common cause of process imbalance that requires monitoring to ensure no inhibition of methanogenic bacteria.	£19.50
Conductivity	Inhibitory to the AD process where there is high concentration of ions.	£9.00
Chloride (05)	Possible cause of inhibition, particularly in food waste plants due to high salt content of food waste. Monitoring is needed to prevent build-up of osmotic pressure and lysing of bacterial cells.	£23.00
Sulphate (04)	Possible cause of inhibition, required to monitor hydrogen sulphide production. (More common for waste derived feedstocks) (More common for waste derived feedstocks)	£27.00
Total Sulphur	Possible cause of inhibition, required to monitor hydrogen sulphide production. (More common for crop derived feedstocks)	£44.00
Chemical Oxygen Demand (COD) (03)	A chemical measurement of the amount of oxygen needed to be utilized during the decomposition of organic matter and the oxidation of inorganic chemicals such as ammonia and nitrite. Often used as a crude method to calculate biomethane potential.	£22.00
Volatile Fatty Acids (11)	As intermediate metabolites in the AD process, any significant build up means that methanogenesis (conversion to methane) is inhibited.	£107.50
Carbon to Nitrogen ratio	Understanding the Carbon to Nitrogen ratio of a feedstock is essential for optimal biogas production (Target 20.1) This ratio will help us to understand if there is risk of ammonium inhibition to the bacteria, and how the material it fits into the overall diet.	£75.00

Lab service	Reason for testing	Cost per test 2026
Cobalt and Selenium	The two most important trace elements	£66.50
Inhibition test (17)	Samples are tested for any indication that the feedstock may have a negative effect on bacterial growth and resultantly inhibit the AD biological process	£137.00
Fat's Oil & Grease	Often used as a indicator of the potential methane quality that is predicted to be produced from a feedstock.	£60.50
NiR feedstock analysis	Maize, grass, rye feedstock analysis through NiR (DM, D value & ME, crude protein, starch, sugar, NDF, ADF, pH, lactic, ash - 3-day service.	£38.50
Consultancy time	Telephone consultancy is also available for biological input/advice and can be pre-booked by emailing amur@abagri.com. Please include details of your contact details (email & phone), do you have an account with us? A brief summary of what you want to discuss. Any preference for Jack Howarth (Lab Manager) or Christine Parry (Product Innovation Expert & AD Technical Support).	£60 for up to 15mins with subsequent minutes charged at £2/minute in 15 min increments

Additional Information:

Courier collection £25. Bottles & collection boxes supplied at cost prices.

VAT to be added to the prices above.

If there is anything you want to be analysed that is not on this list, please ask!

Subject to contract. Terms and Conditions apply: amurenergy.co.uk/services-terms.html