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**PAS110 DIGESTATE ANALYSIS REQUEST FORM**
**FOR CERTIFICATION PURPOSES**

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| **PO Number** |  |

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| --- | --- | --- | --- |
| **Organisation name** |  | **Contact name** |  |
| **Plant name** |  | **Email** |  |
| **BCS number** |  | **Telephone** |  |
| **Sample of ❑ Whole digestate ❑ Separated fibre ❑ Separated liquor**  |
| **Sample code** |  | **Certification code** | *Must be supplied* |
| **Sample type (testing purpose) ❑ 1 (Validation) ❑ 2 (Routine verification) ❑ 3 (Re-sample verification)** |
| **Date sampled** |  | **Sampler name** | *Optional* |

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| **PAS 110 Analysis Packages** |
| **ABP DIGESTATE** | **NON-ABP DIGESTATE** |
| ❑ All mandatory tests | ❑ All mandatory tests |
| ❑ All mandatory tests except stability | ❑All mandatory tests except stability |

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| **Single tests for extra samples**  |
| Pathogens ❑ ABP digestate: *E. coli*❑ ABP digestate: *Salmonella spp*  ❑ Non-ABP digestate: *E. coli*❑ Non-ABP digestate: *Salmonella spp*   | Potentially toxic elements❑ Potentially toxic elements: Cd, Cu, Cr, Ni, Pb, Hg, Zn❑ Individual PTE:❑ Total nitrogen (N)(Total nitrogen required for PTEs testing to determine upper limit value) |
| Physical contaminants ❑ Glass, metal, plastic and ‘other’ (not stones) ❑ Total nitrogen (N)(Total nitrogen required for physical contaminants testing to determine upper limit value) | Stability❑ Residual Biogas Potential (RBP)❑ Volatile fatty acids (VFAs) |
| Physico-chemical characteristics❑ pH value ❑ Dry matter❑ Volatile solids | Total nutrients❑Ammoniacal nitrogen (NH4-N) ❑ Total nitrogen (N)❑ Total phosphorus (P) ❑ Total potassium (K)❑ Additional individual nutrients:(Magnesium or sulphur, for example) |
|  |
| **BCS Approved Laboratory name** |  |
| **Date** |  |
| **Please send the results to** *if different from above**(Email or postal address - if hard copy required)* |  |

**IMPORTANT NOTES**

for information only

**Test results**

Please note that if a digestate sample is accompanied by the BCS PAS110 Analysis Request Form the laboratory will assume that the analyses are undertaken for certification purposes. The associated test results report will be uploaded directly to the BCS database and reviewed by your certification body.

**Description of sample type**

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| **Sample type** | **Testing purpose** | **Description** |
| 1 | Validation | Taken for initial validation or re-validation |
| 2 | Routine verification | Taken for on-going testing to verify the continued efficacy of the PAS 110 quality management system and digestate compliance with PAS 110 minimum quality criteria and any other criteria specified and agreed with the customer |
| 3 | Re-sample verification | Taken to verify the efficacy of corrective actions |