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**Application form for becoming a laboratory   
appointed by REAL Compost Certification Scheme**

**Your business details**

|  |  |
| --- | --- |
| Business name (legal entity) |  |
| Trading name (if different) |  |
| Address |  |
| Telephone |  |
| Email |  |
| website |  |

**Individual contact details**

|  |  |  |  |
| --- | --- | --- | --- |
| Primary contact details |  | Billing contact name (if different) |  |
| Position |  | Position |  |
| Email |  | Email |  |

**Additional information**

Please can you provide a copy of your laboratory’s organogram.

**Declaration**

1. By signing this form, I confirm that I have read and agree to all the terms and conditions and requirements specified in Terms and Conditions (T&Cs) for laboratories appointed to undertake the testing of compost under the Compost Certification Scheme aligned to PAS 100 and the Compost Quality Protocol.
2. I will pay all fees and costs related to achieving and maintaining the status of appointed laboratory.

|  |  |
| --- | --- |
| Signature | Date |
| Full name | Position |

**Information about sub-contractors**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Parameter description | Method | Performed by this lab *Yes/No* | If sub-contracted, name and contact details | Notes |
|  | **Pathogens (indicator species for humans)** |  |  |  |  |
| 1 | Escherichia coli | BS ISO 16649-2 |  |  |  |
| 2 | Salmonella spp | BS EN ISO 6579 |  |  |  |
|  | **PTEs** |  |  |  |  |
| 3 | Cadmium (Cd) | BS EN 13650 |  |  |  |
| 4 | Chromium (Cr) | BS EN 13650 |  |  |  |
| 5 | Copper (Cu) | BS EN 13650 |  |  |  |
| 6 | Lead (Pb) | BS EN 13650 |  |  |  |
| 7 | Mercury (Hg) | BS ISO 16772 |  |  |  |
| 8 | Nickel (Ni) | BS EN 13650 |  |  |  |
| 9 | Zinc (Zn) | BS EN 13650 |  |  |  |
|  | **Stability/maturity** |  |  |  |  |
| 10 | Microbial respiration rate | ORG 0020 |  |  |  |
|  | **Weed seeds and propagules** |  |  |  |  |
| 11 | Germinating weed seeds or propagule regrowth | OFW004-006 |  |  |  |
|  | **Physical contaminants** |  |  |  |  |
| 12 | Total glass, metal, plastic and any ‘other’ non-stone fragments > 2mm | AfOR MT PC&S |  |  |  |
|  | **Stones** |  |  |  |  |
| 13a | Stones > 4 mm in grades other than ‘mulch’ | AfOR MT PC&S |  |  |  |
| 13b | Stones > 4 mm in ‘mulch’ grade | AfOR MT PC&S |  |  |  |
|  | **Minimum plant response** |  |  |  |  |
| 1 | Tomato plant germination | OFW004-006 |  |  |  |
| 2 | Tomato plant growth | OFW004-006 |  |  |  |
| 3 | Tomato plant abnormalities | OFW004-006 |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter description | Method | Performed by this lab *Yes/No* | If sub-contracted, name and contact details | Notes |
| Particle size distribution | Afor MT PC&S |  |  |  |
| Moisture or dry matter | BS EN 13040 |  |  |  |
| Loss on ignition (organic matter) | BS EN 13039 |  |  |  |
| Total organic carbon | Calculated by dividing loss on ignition result by 1.72 |  |  |  |
| C:N (carbon to nitrogen ratio) | Calculated by dividing total organic carbon by total nitrogen |  |  |  |
| Electrical conductivity | BS EN 13038 |  |  |  |
| pH | BS EN 13037 |  |  |  |
| ‘Total’ nitrogen [N] | BS EN 13654-1 (Kjeldahl) or BS EN 13654-2 (Dumas), as appropriate |  |  |  |
| ‘Total other’ nutrients and sodium salts |  |  |  |  |
| Primary; phosphorus [P], potassium [K] | BS EN 13650 |  |  |  |
| Secondary; calcium [Ca], magnesium [Mg], sulphur [S] | BS EN 13650 |  |  |  |
| Trace; boron [B], copper [Cu], iron [Fe], manganese [Mn], zinc [Zn] | BS EN 13650 |  |  |  |
| Sodium | BS EN 13650 |  |  |  |
| Calcium chloride and DTPA (‘CAT’) soluble nutrients and sodium salts |  |  |  |  |
| Primary; phosphorus [P], potassium [K] | BS EN 13651 |  |  |  |
| Secondary; magnesium [Mg], sulphur [S] | BS EN 13651 |  |  |  |
| Trace; boron [B], copper [Cu], iron [Fe], manganese [Mn], zinc [Zn] | BS EN 13651 |  |  |  |
| Sodium [Na] | BS EN 13651 |  |  |  |
| Water soluble nutrients and sodium salts |  |  |  |  |
| Primary; ammoniacal-N, nitrate-N, phosphorus [P], potassium [K] | BS EN 13652 |  |  |  |
| Secondary; calcium [Ca], magnesium [Mg], sulphur [S] | BS EN 13652 |  |  |  |
| Trace; boron [B], chloride [Cl], copper [Cu], iron [Fe], manganese [Mn], zinc [Zn] | BS EN 13652 |  |  |  |
| Sodium [Na] | BS EN 13652 |  |  |  |
| Neutralising value (liming potential, expressed as %mass/mass CaO) | BS EN 13652 |  |  |  |