

Order form

117GC22A

**HORTICULTURE – PHYSICAL AND
BIOLOGICAL EXAMINATIONS**

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CLIENT

Name, first name (company)

Address

Postcode/place

LUFA client ID

Phone

E-mail address

INVOICE RECIPIENT

See client

LUFA client ID

Name, first name (company)

E-mail address

Send a copy of the analysis report to:

E-mail address

E-mail address

Sample identification

Additional information

Sampling (Person, place, date): _____

LUFA sample no.

SAMPLE TYPE

- Growing media/substrate Cocopeat Coco fibre Digestate Clay Potting soil
- Constituent of growing media Wood fibre Composted bark Compost Peat Other: _____

Physical analyses

- Physical properties according EN 13041
Dry matter, water content, organic matter, ash, bulk density dry, pore volume, water and air capacity at pF 1.0, shrinkage
 pF 2.0 pF 1.7 pF 1.5 pF 0.5 in pots
- Water permeability
similar to FLL, based on physical properties according to EN 13041
- Physical properties according RHP M40
Dry matter, water content, organic matter, ash, bulk density dry, pore volume, water and air capacity at pF 1.0, shrinkage
- Particle size distribution in % v/v according DIN 11540
- Particle size distribution in % m/m according LUFA Nord-West AA 1/1-600
- Particle size distribution % m/m (lime) according LUFA Nord-West AA 1/1-626
- Particle size distribution (filter sand)
Wet sieving, carbonate, effective particle size
- Oversize particle according GGS
 10 mm 20 mm 40 mm _____
- Impurities, BGK Plastic, glass, metal, other
 > 1 mm > 2 mm > 5 mm Area sum
- Stones, BGK
 > 5 mm > 10 mm
- Raw peat testing according DIN 11540
dry matter content, moisture content, organic matter content, ash content, bulk density of organic matter, water capacity of org. matter, degree of humification
- Fibre content of peat
- Test on self-heating of peat (sensory test and incubation test)
- Quantity, bulk density according to EN 12580

Other analyses

- Analysis of expanded clay according RAL / GGS
Dry matter, grain shape, bulk density dry, fragmented particles, undersize/oversize particles, capillary rise, pH value, salt content, water-soluble Na, Cl, F
- Test on lowering the pH with sulphur
Target pH: _____ Depth of incorporation (cm): _____
- _____

Biological analyses

- Test on phytotoxic substances, VDLUFA
Pot growth test with Chinese cabbage, deviating test plant: _____
Percentage of sample in the test substrate: _____
- Test on viable seeds and plant propagules (weed test), VDLUFA
- Test for gaseous phytotoxic substances, cress test
- Test on phytotoxic substances, BGK
Pot growth test with Spring barley
- Test on viable seeds and plant propagules (weed test), BGK

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Place

Date

Signature