

Technical Datasheet / Certificate of Analysis

Chemical analysis (1:1,5) ⁽¹⁾			
	value washed	value buffered	unit
EC	≤ 0.5	≤ 0.5	mS/cm
pH	5.0–7.5	5.0–7.0	H ₂ O
anions			
N _{tot}	≤ 0.3	≤ 1.0	mmol/l
Cl	≤ 0.3	≤ 1.5	mmol/l
SO ₄	≤ 0.3	≤ 0.5	mmol/l
P	≤ 0.2	≤ 0.2	mmol/l
cations			
K	≤ 3.0	≤ 1.5	mmol/l
Na	≤ 2.0	≤ 1.5	mmol/l
Ca	≤ 0.3	≤ 1.8	mmol/l
Mg	≤ 0.3	≤ 1.7	mmol/l
trace elements			
Fe	< 40	< 40	mmol/l
Mn	< 10	< 10	mmol/l
Zn	< 10	< 10	mmol/l
B	< 40	< 40	mmol/l
Cu	< 5	< 5	mmol/l

Chemical analysis (1:5) ⁽²⁾			
	value washed	value buffered	unit
EC	≤ 20	≤ 20	mS/cm
pH	5.4–7.9	5.4–7.9	H ₂ O
anions			
N _{tot}	≤ 10	≤ 70	mg/l
Cl	≤ 180	≤ 95	mg/l
SO ₄	≤ 17	≤ 85	mg/l
P	≤ 11	≤ 11	mg/l
cations			
K	≤ 240	≤ 120	mg/l
Na	≤ 85	≤ 85	mg/l
Ca	≤ 20	≤ 115	mg/l
Mg	≤ 12	≤ 65	mg/l
trace elements			
Fe	< 4.5	< 4.5	mg/l
Mn	< 0.85	< 0.85	mg/l
Zn	< 1.3	< 1.3	mg/l
B	< 0.75	< 0.75	mg/l
Cu	< 0.65	< 0.65	mg/l

1) Test method: 1:1.5 volumes extraction with demineralized water

2) Test method: 1:5 volumes extraction with demineralised water

The analyses were carried out under NEN-EN 13037, 13038, 13040, 13652



Fibrgro Coco Bag 52% WHC is a premium, ready-to-use grow bag made from 100% fine coco pith. Triple-washed, buffered, and pre-cut for easy setup, it delivers excellent water retention and uniform root-zone moisture — ideal for high-frequency fertigation and vegetative growth in commercial cultivation.

Application

Fibrgro Coco Bags have pre-cut drain slits, dripper holes, and planting holes that save time and labor.

Packaging

Shipped in stackable cardboard boxes or crates on pallets.

**Note: Fertilization required before planting depending on crop needs.*



Technical Datasheet / Certificate of Analysis (Continued)

Physical analysis ⁽³⁾	value	unit
Water content	< 20%	% by weight
Organic matter	85–95%	% by weight
Bulk density	65–100 kg/m ³	as dry material
Porosity	90–95%	volume fraction
Water	65–75%	vol.% -10cm, at -10 pressure head
Air filled porosity at saturation (pot height of 7.5 cm)	20 (± 2.5)	vol.%
Air filled porosity at saturation (pot height of 10 cm)	22.5 (± 2.5)	vol.%
Water Value ⁽⁴⁾	8.0 (± 1)	g water/g org. matter

Heavy metals			
Metal	mg/kg	Metal	mg/kg
Cr	< 50	As	< 5.0
Ni	< 10	Cd	< 0.72
Cu	< 24	Hg	< 0.23
Zn	< 73	Pb	< 65

The analyses are based on NEN-EN 5751, 6465
Cr (NEN 5763), Ni (NEN 5765), Cu (NEN 5758), Zn (NEN 5759),
As (NEN 5760), Cd (NEN 6458), Hg (NEN 6439), Pb (NEN 5761)

This analysis is an indication

3) The analyses were carried out under NEN-EN 13039,
13040, 13041, 15428

4) Determination volume according to EN 12580

Human Pathogens ⁽⁵⁾	
Free from Human Pathogens according to the RHP standards	
Enterococaceae	Target value < 1000 cfu/g
E. Coli	Target value < 1000 cfu/g
Salmonella	Target value 0
Campylobacter	Target value 0
Listeria	Target value 0

5) The indicative standard indicates a risk. There is no rejection on this.

Sizes ⁽⁷⁾			
Volume	Length (in)	Width (in)	Height (in)
1 GAL (3.8L)	5.9	5.9	5.9
2 GAL (7.6L)	7.9	7.9	7.9

7) Other sizes available with other Fibrgro Coco Bag products.

Phytosanitary requirements*	
Weeds presence (weeds/m ²)	≤ 3
Harmful organisms (fungi, bacteria, viruses, insects) ⁽⁶⁾	Absent
Contamination with live roots and parts of plants	Absent
Waste, plastic, ropes, stones, wood, iron, oil, etc	Absent
Harmful nematodes (plant pathogens list RHP)	Absent
Residues of pesticides ⁽⁷⁾	Absent

6) complete absence of fungi cannot be guaranteed. For more information see RHP Factsheet Fungal growth in on growing media.

7) complete absence of residues of pesticides cannot be guaranteed. For more information see RHP Factsheet Pesticides.

* Above mentioned phytosanitary requirements are according to the RHP standards. The analyses were carried out under RHP standards methods (if present): Weeds (M60), Harmful nematodes (M61-M62), Residues (M27). Human pathogens (Method in accordance with the European Regulation. Animal By-products 1069/2009).



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