

Product properties



Carbofex Biochar Natural

EBC-certified FeedPlus, Agro-Organic

Batch ID: ba-fi-37-1-3

Pyrolysis temperature ~650C. Pyrolysis time <10 min, continuous process

Particle size: 0-20 mm

Water holding capacity 318 %

Bulk density 86 kg/m³

Surface area m²/g 398,6 (BET)

Total carbon 95,2 %

Conductivity 640 µS/cm

Ash 1,7 %

HCl insoluble ash 0,03

Crude ash 1,7 %

PAH 3 mg/kg

pH 9,5

H / C org – ratio: 0.1

O / C - ratio 0,017

Water content 23,2 %

N 7,5 g/kg (water soluble N 0,0 %)

P 0,6 g/kg (water soluble P 0,0 %)

K 3,4 g/kg (water soluble K 0,1 %)

Ca 7 g/kg

Mg 1,1 g/kg

Crude protein 0 g/kg

Crude fiber 0 g/kg

Crude fat 0 g/kg

Arsenic (As) 0,045 mg/kg

Copper (Cu) 4 mg/kg

Cadmium (Cd) 0,0032 mg/kg

Nickel (Ni) <1 mg/kg

Lead (Pb) <2 mg/kg

Chromium (Cr) 4 mg/kg

Mercury (Hg) 0,07 mg/kg

Boron (B) 8 mg/kg

Manganese (Mn) 594 mg/kg

Zinc (Zn) 13 mg/kg



Feed stock PEFC-certified spruce. Carbofex biochar is approved for organic production in EU. EBC-certified: FeedPlus and Agro-organic. For soil amendment, water filtering, compost additive, animal feed additive use.

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puro·earth

