

"CERTIFICATE OF ANALYSIS"

Sphagnum peat moss for agricultural use is as follows:

Peat substrate(pH 5.5-6.5+WA+ 1.0 kg. N:P:K)

Quality Parameters for raised-bog Peat 20-40mm

Date :

29.03.2022

Quality parameter

Range of values

1. Physical properties

1.1 Type of raised bulk peat	1
1.2 Degree of decomposition according to von Post	H2-H4
1.3 Moisture content (%-by-weight)	45-60
1.4 Bulk density of organic matter (g/l)	210-2015
1.5 Total pore volume 1)	95-97
1.6 Water capacity 1)	42-83
1.7 Air capacity 1)	14-55
1.8 shrinkage value1)	20-30

2. Chemical properties

2.1 pH value	5,5 (CaCl ₂)
2.2 Salinity (KCl) (g/l)	< 1.0
2.3 Soluble nutrients (available to plants) mg/ltr.	
2.3.1 - Nitrogen (NH ₄ -N+NO ₃ N)	>50
2.3.2 - Phosphorous (P ₂ O ₅)	>50
2.3.3 - Potassium (K ₂ O)	>50
2.4 Organic Matter	>97%
2.5 Total content of heavy metals [mg/kg dm]	
2.5.1 Arsenic (As)	<40
2.5.2 Lead (Pb)	<150
2.5.3 Cadmium (Cd)	<1,5
2.5.4 Chromium (Cr)	<300
2.5.5 Nickel (Ni)	<80
2.5.6 Mercury (Hg)	<1
2.5.7 Thallium (Tl)	<1

Container no.: FCIU74t9684

Issued by product & quality department


