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CERTIFICATE OF ANALYSES

General Characteristics:

Product:	Sphagnum peat moss substrate SM25
Fraction:	0-25 mm
pH:	5,5-6,5
Origin:	Latvia

Physical characteristics:

Density (kg/m ³):	235
Water Holding capacity (g water/100g dry matter):	705
Humidity % (g/100 g fresh substrate):	max 70
Organic matter % (g/100 g dry substrate):	>95 %

Chemical Characteristics (method on volume 1:5):

pH H ₂ O:	5,8
Conductivity:	30 - 80
Mg (mg/L):	0 - 150
Fe (mg/L):	0 - 1
Mn (mg/L):	0 - 2
SO ₄ (mg/L)	0 - 200
Hg(mg/kg)	0.014
As(mg/kg)	0.005
Pb(mg/kg)	0.018
Co(mg/kg)	0.230
Ni((mg/kg)	0.089
Bq/kg	0.250
Cl(%)	0-0.001%

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Iveta Zekunde
Chief of Laboratory