



NIPPON HIRYO KENTEI KYOKAI  
KANSAI BRANCH  
(JAPAN FERTILIZER & FEED INSPECTION ASSOCIATION)

Certificate No.24-1122

Date : October 31, 2012

CERTIFICATE OF ANALYSIS

Name of sample : BROWN PEAT MOSS

Customer : TALAN Co.,Ltd(Russia Vladivostok)

This is to certify that the following results have been obtained according to our analysis on the above-mentioned sample submitted by the customer ;

		(Dry basis)
Moisture (Oven-Drying Method, as H <sub>2</sub> O)	70.31%	—
Total Nitrogen (as N)	0.76%	2.56%
Total Phosphoric Acid (as P <sub>2</sub> O <sub>5</sub> )	0.15%	0.51%
Total Potassium (as K <sub>2</sub> O)	0.047%	0.16%
Total Calcium (as CaO)	0.26%	0.88%
Ash	5.92%	19.94%
Organic matter(Ignition loss method)	23.77%	80.06%
Organic Carbon (as C)	12.76%	42.98%
Carbon-Nitrogen Ratio (C/N)		17
pH (Dry 1:10, 25°C)		4.0
Humic acid	11.95%	40.25%
Humic acid in Organic matter		50.27%
Electric conductivity (Dry 1:10, 25°C)		1.2 dS/m
Cation exchange capacity	30.8 meq/100g	103.7 meq/100g
Maximum water capacity	—	590%

JAPAN FERTILIZER & FEED INSPECTION ASSOCIATION KANSAI BRANCH

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