



Purchase Order : 80470

MICHAL KANIA
 BAY FARM POWER LTD
 BAY FARM
 RED LODGE
 SUFFOLK
 IP28 6BS

W785

Please quote above code for all enquiries

MICHAL KANIA

 DIGESTATE

DIGESTATE ANALYSIS RESULTS (Imperial Units)

Sample Reference : THICK FRACTION DIG

Sample Matrix : DIGESTATE

The sample submitted was of adequate size to complete all analysis requested.

The sample will be kept as the dry ground sample for at least 1 month.

Laboratory References	
Report Number	79509
Sample Number	129892

Date Received	08-DEC-2021
Date Reported	17-DEC-2021

ANALYTICAL RESULTS on 'dry matter' basis.

Determinand	Units	Value	Amount per fresh ton
pH 1:6 [Fresh]		8.94	
Oven Dry Matter	%	21.7	217.0 kg DM
Total Nitrogen	% w/w	3.43	14.89 Units N
Ammonium Nitrogen	mg/kg	15035	6.53 Units NH4-N
Nitrate Nitrogen	mg/kg	<10	< 0.01 Units NO3-N
Total Phosphorus (P)	% w/w	0.803	7.98 Units P2O5
Total Potassium (K)	% w/w	2.12	11.09 Units K2O
Total Magnesium (Mg)	% w/w	0.476	3.43 Units MgO
Total Sulphur (S)	% w/w	0.318	3.45 Units SO3
Total Copper (Cu)	mg/kg	43.5	0.01 kg Cu
Total Zinc (Zn)	mg/kg	189	0.04 kg Zn
Total Sodium (Na)	% w/w	0.197	0.43 kg Na

Released by *Daniel Petty*

Date *17/12/21*



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ANALYTICAL RESULTS *on 'dry matter' basis.*

Determinand	Units	Value
Total Calcium (Ca)	mg/kg	16385
Conductivity 1:6 [Fresh]	uS/cm	3945
Total Lead (Pb)	mg/kg	1.14
Total Cadmium (Cd)	mg/kg	0.136
Total Mercury (Hg)	mg/kg	<0.1
Total Nickel (Ni)	mg/kg	3.94
Total Chromium (Cr)	mg/kg	3.50
Stones > 5mm [Fresh]	%	<0.01
Other Contaminants > 2mm (Fresh)	%	<0.01
Total Plastics > 2mm [Fresh]	%	<0.01
Total Glass > 2mm [Fresh]	%	<0.01
Total Metals > 2mm [Fresh]	%	<0.01
Sharps > 2mm [Fresh]	%	0
Salmonella Rep 1		<0.001
Salmonella Rep 2		<0.001
Salmonella Rep 3		<0.001
Salmonella Rep 4		<0.001

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ANALYTICAL RESULTS *on 'dry matter' basis.*

Determinand	Units	Value
Salmonella Rep 5		<0.001
E Coli Rep 1	CFU/g	<10
E Coli Rep 2	CFU/g	<10
E Coli Rep 3	CFU/g	<10
E Coli Rep 4	CFU/g	<10
E Coli Rep 5	CFU/g	<10

The nutrients in manure are only partially available for plant growth and may or may not be useful. This depends on the time of application but also on the type and form of manure. More detailed information can be obtained from DEFRA RB209.

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Date *17/12/21*