



MR ROB PIGGOTT
 TRADE EFFLUENT SERVICES
 HUGMOOR HOUSE
 HUGMOOR
 LLANYPWLL
 WREXHAM LL13 9YE

F990

Please quote above code for all enquiries

HIGHBURY POULTRY

SLUDGE

SLURRY/SLUDGE ANALYSIS RESULTS (Metric Units)

Sample Reference : SLUDGE

Sample Matrix : SLURRY/SLUDGE

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

The sample will be kept under refrigeration for at least 3 weeks.

Laboratory References

Report Number 15393
 Sample Number 97873

Date Received 20-JUL-2020
 Date Reported 23-JUL-2020

ANALYTICAL RESULTS *on 'as received' basis.*

Determinand on a fresh weight basis	Units	Result	Amount per fresh tonne or m3	Amount applied at an equivalent total Nitrogen application of 250 kg N/ha	Units
pH 1:6 [Fresh]		6.58			
Oven Dry Solids	%	6.33	63.30	1551	kg DM
Total Kjeldahl Nitrogen	% w/w	1.02	10.20	250	kg N
Ammonium Nitrogen	mg/kg	3427	3.43	84.00	kg NH4-N
Nitrate Nitrogen	mg/kg	<10	< 0.01		kg NO3-N
Total Phosphorus (P)	mg/kg	1328	3.04	74.54	kg P2O5
Total Potassium (K)	mg/kg	549	0.66	16.15	kg K2O
Total Magnesium (Mg)	mg/kg	144	0.24	5.86	kg MgO
Total Sulphur (S)	mg/kg	590	1.48	36.15	kg SO3
Total Copper (Cu)	mg/kg	5.29	0.01	0.13	kg Cu
Total Zinc (Zn)	mg/kg	27.4	0.03	0.67	kg Zn
Total Sodium (Na)	mg/kg	112	0.15	3.70	kg Na2O
Total Calcium (Ca)	mg/kg	659	0.66	16.15	kg Ca
Equivalent field application rate	—		1.00	24.51	tonnes or m3 / ha

The above equivalent field application rate for total nitrogen of 250 kg/ha has been provided purely for guidance purposes only. Organic manures should be used in accordance with the Defra Code of Good Agricultural Practice and where required within the specific regulatory guidance for the spreading of that material to land. To get the most benefit from your organic manures it is recommended that you follow the principles as set out in Defra's Fertiliser Manual (RB209) or as directed by a FACTS qualified adviser.

Released by Myles Nicholson

Date 23/07/20

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Conductivity 1:6	uS/cm	3840
Total Lead (Pb)	mg/kg	<0.5
Total Cadmium (Cd)	mg/kg	0.011
Total Mercury (Hg)	mg/kg	<0.05
Total Nickel (Ni)	mg/kg	0.616
Total Chromium (Cr)	mg/kg	1.53
Water Soluble Magnesium	mg/kg	103
Water Soluble Phosphorus	mg/kg	451
Water Soluble Potassium	mg/kg	503

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Determinand	Value	Units
Oils, Fats and Grease	1920	mg/kg