



MR ROB PIGGOTT  
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HUGMOOR HOUSE  
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PENDERYN DISTILLERY  
LLOYD STREET  
LLANDUDNO  
LL13 2YG  
  
SLUDGE

## SLUDGE

Sample Reference :

ETP SLUDGE

Sample Matrix : SLUDGE

### Laboratory References

Report Number	77158
Sample Number	115514

Date Received	22-NOV-2021
Date Reported	06-DEC-2021

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

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

### ANALYTICAL RESULTS *on 'as received' basis.*

Determinand	Value	Units
Oven Dry Solids	0.670	%
Conductivity 1:6	890	uS/cm
Total Kjeldahl Nitrogen	0.04	% w/w
Nitrate Nitrogen	<10	mg/kg
Ammonium Nitrogen	242	mg/kg
Total Phosphorus (P)	140	mg/kg
Total Potassium (K)	282	mg/kg
Total Magnesium (Mg)	34.4	mg/kg
Total Copper (Cu)	1.63	mg/kg
Total Zinc (Zn)	<0.5	mg/kg

Released by *Linaben Patel*

Date *06/12/21*



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### ANALYTICAL RESULTS *on 'as received' basis.*

Determinand	Value	Units
Total Sulphur (S)	44.5	mg/kg
Total Calcium (Ca)	19.4	mg/kg
Total Lead (Pb)	<0.5	mg/kg
Total Cadmium (Cd)	<0.01	mg/kg
Total Mercury (Hg)	<0.05	mg/kg
Total Nickel (Ni)	<0.2	mg/kg
Total Chromium (Cr)	<0.2	mg/kg
Total Sodium (Na)	888	mg/kg
pH 1:6 [Fresh]	5.33	
Water Soluble Magnesium	22.6	mg/kg

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Date *06/12/21*

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### ANALYTICAL RESULTS *on 'as received' basis.*

Determinand	Value	Units
Water Soluble Phosphorus	127	mg/kg
Water Soluble Potassium	253	mg/kg

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