

ANALYTICAL TEST REPORT

Report Number 25-09212, issue number 2

Contract name: Raybell and Sons

Client reference: EUR-ORD-2667

Clients name: Eurotest Ltd

Clients address: Eurotest Ltd
The Studio
Benfield Road

Northants NN14 3ES

Samples received: 22/09/2025

Analysis started: 22/09/2025

Analysis completed: 26/09/2025

Report issued: 07/10/2025
2. Replaces Analytical Report number 25-09212; issue no.1

Key

U	UKAS accredited test
M	MCERTS & UKAS accredited test
(B)	Analysis performed at Southampton Site
I/S	Insufficient sample to carry out test
U/S	Sample not suitable for testing
NAD	No Asbestos Detected



Approved by: Sam Rogerson
Receipt and Reporting Manager

Re-Issue Summary

Client: Eurotest Ltd
Address: The Studio, Benfield Road, Brigstock, Northants, NN14
3ES

Date: 07-Oct-25

Report No.: 25-09212

Issue: 2

This report replaces 25-09212, issue: 1, issued: 26 September 2025

Reason for Change

amended contract name

Key

A - Additional Work added

D - Work Deleted

E - Result Edited*

R - Work Repeated*

*If a result changed, please refer to the previous report for the old result. The new result will be shown in this report.

Re-issued by: Georgia Hunter
Senior Reporting Administrator

Approved by: Sam Rogerson
Receipt and Reporting Manager



SAMPLE INFORMATION

MCERTS (Soils):
Soil descriptions are only intended to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions. MCERTS accreditation applies for sand, clay and loam/topsoil, or combinations of these whether these are derived from naturally occurring soils or from made ground, as long as these materials constitute the major part of the sample. Other materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.
% Moisture reported as MCERTS drying at 30°C

Lab ref	Sample ID	Depth (m)	Sample description	Material removed	% Removed	% Moisture
68429	L7457	-	Brown Sandy Loam with Gravel and Vegetation.	-	-	13.5

DEVIATING SAMPLE INFORMATION

Comments

Sample deviation is determined in accordance with the UKAS note "Guidance on Deviating Samples" and based on reference standards and laboratory trials.

For samples identified as deviating, test result(s) may be compromised and may not be representative of the sample at the time of sampling.

Chemtech Environmental Ltd cannot be held responsible for the integrity of sample(s) received if Chemtech Environmental Ltd did not undertake the sampling. Such samples may be deviating.

Key

- a Sampling date not provided
- b Sampling time not provided (waters only)
- c Sample not received in appropriate containers
- d Storage Temperature
- e Headspace present in sample container
- f Sample exceeded sampling to receipt
- g Sample exceeded holding time(s)

Lab ref	Sample ID	Depth (m)	Deviating	Tests (Reason for deviation)
68429	L7457	-	N	

SOILS

Lab Number					68429
Client Reference					SOIL
Sample ID					L7457
Sampling Date					18/09/2025
Test	Method	Accred	LoD	Units	
Metals					
Extractable Potassium	CE088	N	2	mg/l	222
Extractable Magnesium	CE088	N	2	mg/l	95
Extractable phosphorus	CE089	N	10	mg/l	87
Copper (HNO3 Extractable)	CE054	N	1	mg/kg	39.0
Copper (HNO3 Extractable)	CE054	N	1.6	mg/kg	39.0
Nickel (HNO3 Extractable)	CE054	N	1	mg/kg	33.2
Zinc (HNO3 Extractable)	CE054	N	1	mg/kg	184
Combustion					
Moisture Content	CE001	N	0.1	%	13.5
Total Carbon	CE198	M	0.1	%	3.45
Total nitrogen	CE198	M	0.01	%	0.17
Total Organic Carbon	CE197	M	0.1	%	2.94
Loss on Ignition	CE006	U	0.1	%	7.73
Miscellaneous					
% >2mm	CE118	N	0.1	%	6.0
% > 20mm	CE118	N	0.1	%	< 0.1
% >50mm	CE118	N	0.1	%	< 0.1
% Clay	CE118	N	0.1	%	18.0
% Sand	CE118	N	0.1	%	50.4
% Silt	CE118	N	0.1	%	31.6
% Plastics	CE118	N	0.1	%	< 0.1
% Sharps	CE118	N	0	%	0.0
Wet Chem					
Electrical Conductivity	CE007	U	10	µS/cm	381
pH	CE004	M	0.1	pH units	8.0

DECLARATION OF COMPLIANCE (BS3882:2015)

Lab ref	68429	Date received	22/09/2025
Contract name	Raybell and Sons	Analysis started	24/09/2025
Sample ID	L7457	Analysis completed	26/09/2025
OS Grid reference	Not supplied	Report issued	26/09/2025
Date sampled	18/09/2025		

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	18						
Silt content	% w/w	32						
Sand content	% w/w	50						
Soil texture	class							

Stone content								
>2mm	% w/w	6	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	7.7	Y	Y	Y	Y	Y	Y
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	8.0	Y	N	Y	Y	N	Y
Carbonate (calcareous only)	% w/w CaCO ₃	2.6			Y			Y
Nitrogen (total)	% w/w N	0.17	Y	Y	Y			
Carbon:Nitrogen ratio	-	26.7	N	N	N	Y	Y	N
Phosphorus (extractable)	mg/l P	87	Y	Y	Y	N	N	N
Potassium (extractable)	mg/l K	222	Y	Y	Y			
Magnesium (extractable)	mg/l Mg	95	Y	Y	Y			
Electrical conductivity ²	µS/cm	381	Y					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	39	Y	Y	Y	Y	Y	Y
Nickel (Nitric acid extract)	mg/kg Ni	33	Y	Y	Y	Y	Y	Y
Zinc (Nitric acid extract)	mg/kg Zn	184	Y	Y	Y	Y	Y	Y

VISIBLE CONTAMINANTS								
(air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

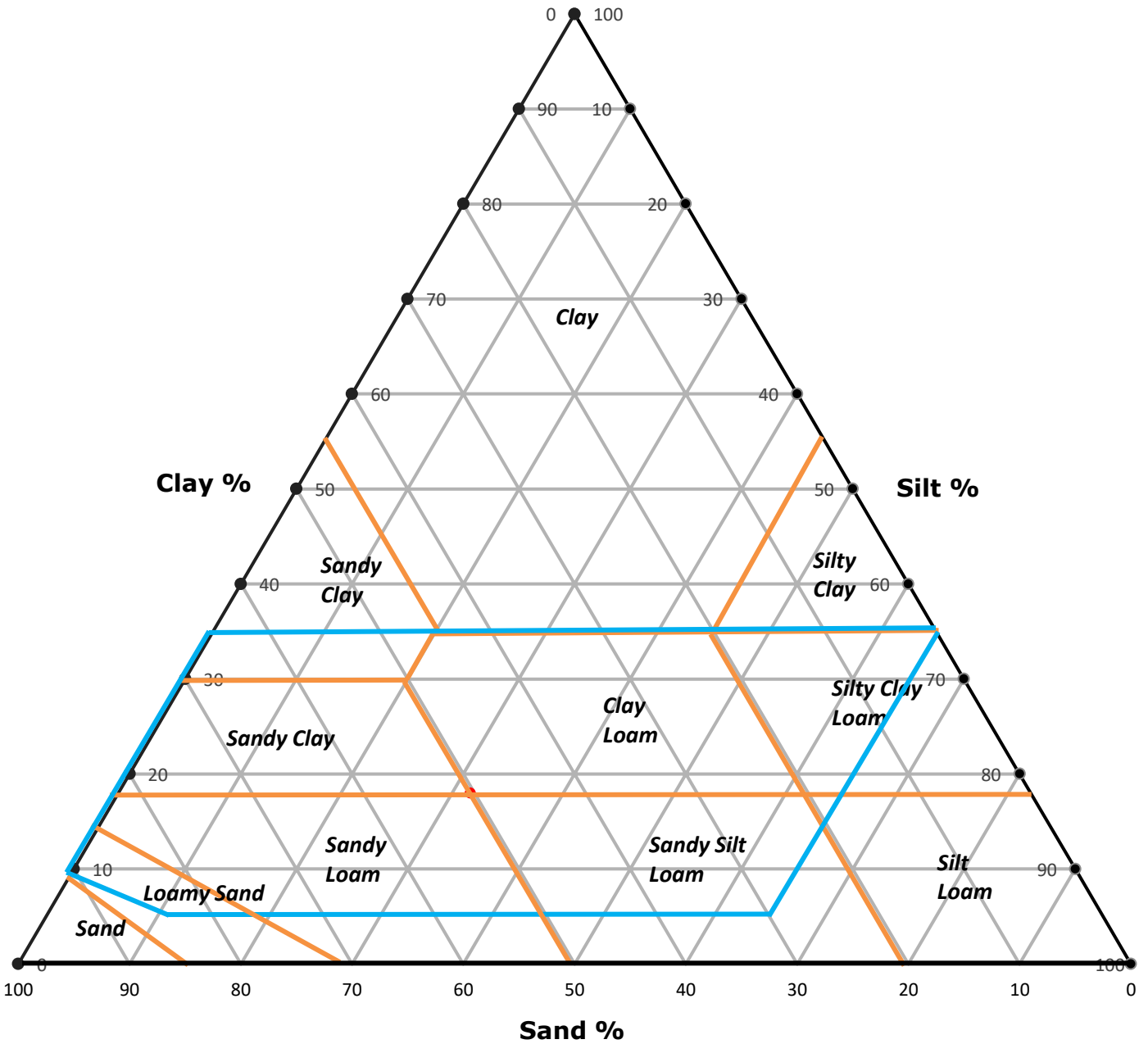
² Results in leachate are accredited to ISO17025

Disclaimer: The limits in this report are provided for guidance only and values are transcribed from BS3882:2015

Chemtech Environmental Ltd does not take responsibility for any errors or omissions in the transcription, and all data should be verified by the end user.

Any assessments made are based on the published results from the Laboratory and make no assessment of uncertainty of measurement. Application of uncertainty of measurement would provide a range within which the true result lies. Method uncertainty levels can be provided independently upon request.

Assessment is outside the scope of the laboratory's UKAS accreditation.



METHOD DETAILS

METHOD	TESTNAME	METHOD SUMMARY	ANALYSIS BASIS
CE007	Electrical conductivity of Solids	Potentiometric	As submitted sample
CE004	pH of Soil	Potentiometric	As submitted sample
CE088	Extractable Cations - BS3882	Ammonium Nitrate Extraction and ICPOES	Air dried sample
CE089	Extractable Phosphorus - BS3882	Sodium Hydrogen Carbonate extraction and ICPOES	Air dried sample
CE198	Primacs in Soil	Primacs	Air dried sample
CE006	Loss on ignition at 440 deg C	Gravimetric	Air dried sample

REPORT INFORMATION

Report No.:25-09212, issue number 2

Key

U	ISO17025 Accredited Result
M	ISO17025 and MCERTS Accredited Result
N	Do not currently hold accreditation
^	MCERTS accreditation not applicable for sample matrix
*	ISO17025 accreditation not applicable for sample matrix
S	Subcontracted
I/S	Insufficient Sample
U/S	Unsuitable sample
N/T	Not tested
<	Means "less than"
>	Means "greater than"

LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination.

This report shall not be reproduced except in full, without prior written approval.

Opinions and interpretations expressed herein are outside the UKAS accreditation scope.

All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing.

The results relate only to the sample received.

Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Moisture Content Calculated on a Wet Weight basis (at 30°C)

Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling.

Sampling was undertaken by Chemtech Environmental Limited and is outside the UKAS accreditation scope.

Methods, procedures and performance data are available on request.

Results reported herein relate only to the material supplied to the laboratory.

BTEX compounds are identified by retention time only and may include interference from co-eluting compounds.

For soils and solids, all results are reported on a dry basis (30°C). Samples dried at no more than 30°C in a drying cabinet.

For soils and solids, analytical results are inclusive of stones, where applicable.

'Client Reference', 'Sample ID', 'Sample Location', 'Sample Type', 'Depth', 'Sample Date' and 'Sample Time' information is provided by the customer

Sample Retention and Disposal

All soil samples will be retained for a period of 4 weeks from the point of receipt

All water samples will be retained for a period of 2 weeks from the point of Reporting

Charges may apply to extended sample storage

TPH Classification - HWOL Acronym System

HS	Headspace analysis
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent
CU	Clean-up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
2D	GC-GC - Double coil gas chromatography
#1	EH_Total but with humics mathematically subtracted
#2	EH_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry

Unless specifically identified (noted as "(B)" in analyte name) all internal analysis performed at Durham site

Statement of Conformity

Statement of Conformity

Where Chemtech reports a statement of conformity to a specification, the decision rules applied are derived from the Ilac document ILAC G8:09/2019.

Acceptance limits (AL), applied are derived from the tolerance limits (TL) by you the client or applicable standard (e.g. 2003.33.EC Council Decision, BS3882, BS8601)

Agreed and reported Decision Rule:

"PASS" if the result < TL, and the bias / precision values for the process meet the targets defined within the methodology and/or applied accreditation.

Reported Decisions:

Result < TL for determinands: PASS

Result > TL for determinands: FAIL

Definitions Used:

Acceptance limit (AL) Specified upper or lower bounds of permissible measured quantity values.

Tolerance limit (TL) Specified upper or lower bound of permissible values of a property.

Accreditation of WAC/BS3882/BS8601

Accreditation in Soil to MCERTS is only applicable for specific matrix types identified as soil (Sand/Loam/Clay) during the sample assessment

If the sample is classified as not soil, no accreditation is conveyed