

Certificate of Analysis

Client: Bradgate Bakery

Project: 25123750

Quote: BEC251042936 V1.1

Project Ref: BEC-C-25014923

Site: Bradgate Bakery - Ashton Green

Contact: Katharine Nethercot

Address: 5 Bennion Rd
Leicester
Leicestershire
LE4 2AD

E-Mail: Katharine.Nethercot@Bradgate-Bakery.co.uk

Phone: 07776 961 723

No. Samples Received: 1

Date Received: 24/12/2025

Analysis Completed: 12/01/2026

Date Issued: 12/01/2026

Report Type: Version 01

This report supersedes any versions previously issued by the laboratory



Reported by Customer Service Co-Ordinator
Julie Dickinson
01283 204 384
Julie.Dickinson@socotec.co.uk



Project Number: 25123750

Client: Bradgate Bakery

Date Issued: 12/01/2026

Project Name: BEC-C-25014923 - Bradgate Bakery - Ashton Green

Samples Analysed

<u>Text ID</u>	<u>Sample Reference</u>	<u>Sampling Date</u>	<u>Sample Type</u>	<u>Sample Description</u>
25123750-001	Sample 1	22/12/2025 14:50:00	WATER	Unclassified Liquid



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Analysis Results

		SOCOTEC Sample ID:		25123750-001
		Sampling Date:		22/12/2025 14:50
		Customer ID:		Sample 1
Method Code	Analysis	MDL	Accred.	
WSLM20	BOD (5 day)	1 mg O2/l	N	13.1 _o
WSLM11	COD (Settled)	5 mg/l	N	2110
WSLM10	Total Suspended Solids	5 mg/l	N	354
TOCW	Total Organic Carbon	0.4 mg/l	N	640
TNW_CMB	Total Nitrogen as N	1 mg/l	N	43
KONENS	Chloride as Cl	1 mg/l	N	196
ICPWATVART (Total)	Phosphorus as P	0.1 mg/l	N	6.9



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Deviating Sample Report

Sample Reference	Text ID	Method Code	Incorrect Container	Incorrect Label	Headspace	Incorrect/No Preservative	No Sampling Date	Holding Time
Sample 1	25123750-001	TOCW						✓
Sample 1	25123750-001	WSLM10						✓

Analysis Method

Method Code

ICPWATVART (Total)
KONENS
TNW_CMB
TOCW
WSLM10
WSLM11
WSLM20

Method Description

Phosphorus (Tot.) in Water by ICPOES
Chloride by Colorimetry
Total Nitrogen
TOC: Total Organic Carbon
TSS: Total Suspended Solids
COD: Chemical Oxygen Demand (Settled)
BOD: Biological Oxygen Demand (Total 5-Day)

Analysis Method

Unfiltered
Filtered
Unfiltered
Unfiltered
Unfiltered
Unfiltered
Unfiltered

Result Report Notes

Letters alongside results signify that the result has associated report notes.
The report notes are as follows:

Letter

Note

- A Due to the matrix of the sample the laboratory has had to deviate from our standard protocols to be able to process the sample and provide a result. Where applicable the accreditation has been removed and this should be taken into consideration when utilising the data.
- B The QC associated with this result has not wholly met the QMS requirements, the accreditation has therefore been removed. However, the Laboratory has confidence in the performance of the method as a whole and that the integrity of the data has not been significantly compromised.
- C Due to matrix interference, the internal standard and/or surrogate has not met the QMS requirements. This should be taken into consideration when utilising the data.
- D A non-standard volume or mass has been used for this test which has resulted in a raised detection limit.
- E Due to the parameter value being beyond our calibration range (and following the maximum size of dilution allowed, where applicable), the result cannot be quantified and as such the result will appear as a greater than symbol (>) with the accreditation removed. This data should be used for indicative purposes only.
- F Based on the sample history, appearance and smell a dilution was applied prior to testing. Unfortunately, the result is either above (>) or below (<) our calibration range. Results above our calibration range have accreditation removed. The data should be used for indicative purposes only.
- G The day 5 oxygen reading was below the capability of the instrument to detect, and therefore the calculated BOD has been reported unaccredited for guidance purposes only.



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HWOL Acronym Key

Acronym

HS	Headspace Analysis
EH	Extractable Hydrocarbons - i.e everything extracted by the solvent(s)
CU	Clean up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
+	Operator to indicate cumulative e.g. EH_CU+HS_1D_Total

Description

Additional Information

This report refers to samples as received. SOCOTEC UK Ltd takes no responsibility for accuracy or competence of sampling by others.

Results within this report relate only to the samples tested.

The accreditation codes are as follows:

U = UKAS accredited analysis
M = MCERT accredited analysis
N = Unaccredited analysis

Any accreditation marked with ^ signify results are reported on a dry weight basis of 105° c.

All Air Dried and Ground Samples (ADG) are oven dried at less than 35° c.

This report shall not be reproduced except in full, without written approval of the laboratory.

Opinions and interpretations given are outside the scope of our UKAS accreditation.

Any results marked with * are not covered by our scope of UKAS accreditation. If applicable, further report notes have been added.

Any solid samples where the Major Constituents are not one of the following (Sand, Silt, Clay, Made Ground) are not one of our accredited matrix types.

Any samples marked with a tick in the deviant table is deviant for the specific reason.

Any samples reported as IS, NA, ND mean the following:

IS = Insufficient Sample to complete analysis
NA = Sample is not amenable for the required analysis
ND = Results cannot be determined

Items listed with a 'SUB' method code prefix have been carried out by another SOCOTEC department or by an external subcontracted laboratory. Further information is available upon request.

Our deviating sample report does not include deviancy information for Subcontracted analysis. Please see the report from the subcontracted lab for information regarding any deviancies for this analysis.

Summaries of analysis methods are available upon request.

End of Certificate of Analysis