

# CERTIFICATE OF ANALYSIS



LABORATORY REFERENCE	REPORT REFERENCE	REPORT VERSION	REGISTRATION DATE	RECEIPT DATE	ANALYSIS STARTED	ANALYSIS COMPLETE	REPORTED DATE
200884	200884-1	1	29/03/2021	29/03/2021	29/03/2021	31/03/2021	31/03/2021

LABORATORY  
i2 F.A.S.T  
Maxted House  
13 Maxted Road  
Hemel Hempstead  
HP2 7DX

CUSTOMER  
Rebirt Ltd  
Unit 5 Tanhouse Farm  
Frampton On Severn  
GL2 7EH

## Sample Information

PRODUCT	Hemp	PRE PRINTED BARCODE	PP618B0
MATRIX	Food (Liquid)	ROUTINE STATUS	Routine
BATCH NUMBER	0011	SAMPLE DESCRIPTION	loose hemp tea
COOKING INSTRUCTIONS	strain 1g of hemp tea per mug for 5-7 minutes - remove, stir		
COUNTRY OF ORIGIN	EU Origin		
DATE SAMPLED (DD/MM/YY)	02/03/2021		

Sample information provided by the client



# Results

Test Name	Result	LOD	Technique	Accred.
Energy kJ	6 kJ/100ml	0 kJ/100ml	N009-Calculations	UKAS
Energy kcal	1 kcal/100ml	0 kcal/100ml	N009-Calculations	UKAS
Fat	< 0.1 g/100ml	0.1 g/100ml	N004-NMR	UKAS
Saturated Fatty Acids	< 0.1 g/100ml	0.1 g/100ml	N008-1-DB23-FID	UKAS
Mono-unsaturated Fatty Acids	< 0.1 g/100ml	0.1 g/100ml	N008-1-DB23-FID	UKAS
Poly-unsaturated Fatty Acids	< 0.1 g/100ml	0.1 g/100ml	N008-1-DB23-FID	UKAS
Total Carbohydrate	< 0.1 g/100ml	0.1 g/100ml	N009-Calculations	UKAS
Dietary Fibre	< 0.1 g/100ml	0.1 g/100ml	N007-AOAC 991.43	UKAS
Available Carbohydrate	< 0.1 g/100ml	0.1 g/100ml	N009-Calculations	UKAS
Total Sugars	< 0.1 g/100ml	0.1 g/100ml	N006-IC PAD	UKAS
Galactose	< 0.01 g/100ml	0.01 g/100ml	N006-IC PAD	UKAS
Glucose	< 0.01 g/100ml	0.01 g/100ml	N006-IC PAD	UKAS
Sucrose	< 0.01 g/100ml	0.01 g/100ml	N006-IC PAD	UKAS
Fructose	< 0.01 g/100ml	0.01 g/100ml	N006-IC PAD	UKAS
Lactose	< 0.01 g/100ml	0.01 g/100ml	N006-IC PAD	UKAS
Maltose	< 0.01 g/100ml	0.01 g/100ml	N006-IC PAD	UKAS
Nitrogen	0.050 g/100ml	0.020 g/100ml	N003-Dumas Nitrogen Analyser	UKAS
Nitrogen Factor	6.25		N003-Dumas Nitrogen Analyser	None
Protein	0.31 g/100ml	0.01 g/100ml	N003-Dumas Nitrogen Analyser	UKAS
Moisture	99.7 g/100ml	0.1 g/100ml	N002-1a-Oven@102C	UKAS
Ash	< 0.1 g/100ml	0.1 g/100ml	N001-1-Furnace@550C	UKAS
Sodium	< 0.005 g/100ml	0.005 g/100ml	N005-ICP OES	UKAS
Sodium expressed as Salt (NaCl)	< 0.01 g/100ml	0.01 g/100ml	N005-ICP OES	UKAS
Cooking	Unreportable		NT001 - Cooking	None
Starch	< 0.1 g/100ml	0.1 g/100ml	N009-Calculations	UKAS
Triglyceride Factor	0.956		N008-1-DB23-FID	None

The results reported relate to samples received in the laboratory and may not be representative of a whole batch.

Tests covered by this certificate were conducted in accordance with i2 F.A.S.T's SOPs.

Note: All assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement. Application of uncertainty of measurement would provide a range within which the true result lies. An estimate of measurement of uncertainty can be provided on request.

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LOD = Limit of Determination. This is the lowest reportable limit of the test.

Accreditation shown as "UKAS" refers to accreditation to ISO/IEC 17025:2017.

Analysis using techniques N001-1-Furnace@550C, N002-1a-Oven@102C, N003-Dumas Nitrogen Analyser, N004-NMR, N005-ICP OES, N006-IC PAD, N007-AOAC 991.43, N008-1-DB23-FID, and N009-Calculations was carried out at i2 FAST (Poland), Pionierów 39, 41-711 Ruda Śląska, Poland

Analysis using techniques NT001 - Cooking was carried out at i2 FAST, Maxted House, 13 Maxted Road, Hemel Hempstead, HP2 7DX

Technical Reviewer	Role
Mr Sebastian Kratiuk	Deputy Section Head - Nutrition
Mrs Monika Czarnecka	Head of Nutrition
Authorised By	Role
Miss Natalie Stanton	Customer Service Technical Account Manager



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