

Customer Analytical Services

P.O. Box 627 2300 AP Leiden

Phone: +31715241100 Email: customeranalyticalservices@nalco.com

NALCO

An Ecolab Company

Final - Report Number: 1697839

SENSIENT FLAVOURS LTD

FELINFACH

LAMPETER DY SA48 8AG UNITED KINGDOM

Sold To: 0150048289 Ship To: 0150048289

Representative: SIMON BICKEL

Sample Number

EW078594

Date Sampled

21-Mar-2016 15:00

Date Received

23-Mar-2016

Date Completed

30-Mar-2016

Date Authorized

30-Mar-2016

Analytical Report

This sample was analyzed as received, the results being as follows:

Sampling point: Borehole C

Water

Cations - Metals	Test Method: AMW0013	Total
Aluminum (Al)		<0.05 mg/L
Antimony (Sb)		<0.05 mg/L
Barium (Ba)		<0.05 mg/L
Boron (B)		<0.5 mg/L
Cadmium (Cd)		<0.01 mg/L
Calcium (Ca)		39 mg/L
Calcium (CaCO ₃)		98 mg/L
Chromium (Cr)		<0.01 mg/L
Copper (Cu)		<0.01 mg/L
Iron (Fe)		1.1 mg/L
Lead (Pb)		<0.01 mg/L
Lithium (Li)		<0.1 mg/L
Magnesium (Mg)		11 mg/L
Magnesium (CaCO ₃)		47 mg/L
Manganese (Mn)		2.1 mg/L
Molybdenum (Mo)		<0.05 mg/L
Nickel (Ni)		<0.01 mg/L
Potassium (K)		2.7 mg/L
Silicon (Si)		5.5 mg/L
Silica (SiO ₂)		12 mg/L
Sodium (Na)		41 mg/L
Sodium (CaCO ₃)		90 mg/L
Strontium (Sr)		0.2 mg/L
Vanadium (V)		<0.05 mg/L
Zinc (Zn)		<0.02 mg/L
Total Hardness (CaCO ₃)		140 mg/L

Other Analytes Test Method: AMW0111

Total

Conductivity at 25°C

490 µS/cm

pH @ 25°C

7.7 pH Units

Quality System Certified to ISO 9001



Authorized by Jan Roukema
Research Scientist

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Final - Report Number: 1399377

SENSIENT FLAVOURS LTD

FELINFACH

LAMPETER DY SA48 8AG UNITED KINGDOM

Sold To: 0150048289 Ship To: 0150048289

Representative: JAMES HOPKINS

Sample Number

EW066033

Date Sampled

17-Mar-2015 12:00

Date Received

30-Mar-2015

Date Completed

1-Apr-2015

Date Authorized

8-Apr-2015

Analytical Report

This sample was analyzed as received, the results being as follows:

Sampling point: Borehole C

Water

Cations - Metals Test Method: AMW0013

	Total
Aluminum (Al)	<0.05 mg/L
Antimony (Sb)	<0.05 mg/L
Barium (Ba)	<0.05 mg/L
Boron (B)	<0.5 mg/L
Cadmium (Cd)	<0.01 mg/L
Calcium (Ca)	36 mg/L
Calcium (CaCO ₃)	90 mg/L
Chromium (Cr)	<0.01 mg/L
Copper (Cu)	<0.01 mg/L
Iron (Fe)	1.0 mg/L
Lead (Pb)	<0.01 mg/L
Lithium (Li)	<0.1 mg/L
Magnesium (Mg)	10 mg/L
Magnesium (CaCO ₃)	41 mg/L
Manganese (Mn)	1.9 mg/L
Molybdenum (Mo)	<0.05 mg/L
Nickel (Ni)	<0.01 mg/L
Potassium (K)	2.8 mg/L
Silicon (Si)	5.7 mg/L
Silica (SiO ₂)	12 mg/L
Sodium (Na)	42 mg/L
Sodium (CaCO ₃)	91 mg/L
Strontium (Sr)	0.2 mg/L
Vanadium (V)	<0.05 mg/L
Zinc (Zn)	<0.02 mg/L
Total Hardness (CaCO ₃)	130 mg/L

Other Analytes Test Method: AMW0111

	Total
Conductivity at 25°C	440 µS/cm
pH @ 25°C	7.6 pH Units

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
= ISO 9001:2008 =



Authorized by Arjan Kraak
Group Leader

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Analytical Report

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Sampling point: Borehole C

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Group Leader

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**Final - Report Number:** 1156039**SENSIENT FLAVOURS LTD****FELINFACH****LAMPETER DY SA48 8AG UNITED KINGDOM****Sold To:** 0150048289 **Ship To:** 0150048289**Representative:** Mr James Matthew Hopkins**Sample Number**

EW055274

Date Sampled

21-May-2014 15:30

Date Received

23-May-2014

Date Completed

27-May-2014

Date Authorized

27-May-2014

Analytical Report

This sample was analyzed as received, the results being as follows:

Sampling point: Borehole C**Water****Cations - Metals Test Method: AMW0013**

	Total
Aluminum (Al)	<0.05 mg/L
Antimony (Sb)	<0.05 mg/L
Barium (Ba)	<0.05 mg/L
Boron (B)	<0.5 mg/L
Cadmium (Cd)	<0.01 mg/L
Calcium (Ca)	35 mg/L
Calcium (CaCO ₃)	87 mg/L
Chromium (Cr)	<0.01 mg/L
Copper (Cu)	<0.01 mg/L
Iron (Fe)	1.1 mg/L
Lead (Pb)	<0.01 mg/L
Lithium (Li)	<0.1 mg/L
Magnesium (Mg)	10 mg/L
Magnesium (CaCO ₃)	43 mg/L
Manganese (Mn)	2.2 mg/L
Molybdenum (Mo)	<0.05 mg/L
Nickel (Ni)	<0.01 mg/L
Potassium (K)	2.8 mg/L
Silicon (Si)	5.4 mg/L
Silica (SiO ₂)	11 mg/L
Sodium (Na)	38 mg/L
Sodium (CaCO ₃)	83 mg/L
Strontium (Sr)	0.2 mg/L
Vanadium (V)	<0.05 mg/L
Zinc (Zn)	<0.02 mg/L
Total Hardness (CaCO ₃)	130 mg/L

Other Analytes Test Method: AMW0018

	Total
Conductivity at 25°C	460 µS/cm
pH @ 25°C	7.5 pH Units

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Research Scientist

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Representative: Mr James Matthew Hopkins

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23-May-2014

Date Completed

27-May-2014

Date Authorized

27-May-2014

Analytical Report

This sample was analyzed as received, the results being as follows:

Sampling point: Borehole C

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Authorized by Jan Roukema
Research Scientist