



Attention: Luis Urena

Peru Naturals Corporation S.A.C.
Calle Torres Paz 1430,
Dpto. 305
Santa Beatriz, Cercado de Lima, --
Peru L1

Report Date: 2020/06/08

Report #: R6201572

Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C0C5358

Received: 2020/05/22, 15:35

Sample Matrix: Food
Samples Received: 4

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Total Metals Analysis in Food by ICP	3	2020/05/26	2020/05/28	CAM SOP-00408	AOAC 984.27 (mod.)
Total Metals Analysis in Food by ICP	1	2020/05/26	2020/05/29	CAM SOP-00408	AOAC 984.27 (mod.)
Protein	4	N/A	2020/05/29	CAM SOP-00711	AOAC 992.15
Ash	4	N/A	2020/05/26	CAM SOP-00713	AOAC 923.03
Calories	4	N/A	2020/06/03	CAM WI-00708	Calculation
Carbohydrates	4	N/A	2020/06/03	CAM WI-00708	Calculation
Cholesterol	2	2020/06/04	2020/06/04	CAM SOP-00700	AOAC 976.26/994.10
Cholesterol	2	2020/06/04	2020/06/05	CAM SOP-00700	AOAC 976.26/994.10
Fatty Acid Profile by GC/FID (1)	4	2020/06/01	2020/06/01	CAM SOP-00702	AOAC 996.06
KJ	4	N/A	2020/06/03	CAM WI-00708	Calculation
Moisture	4	N/A	2020/05/26	CAM SOP-00715	AOAC methodology
Nitrogen	4	N/A	2020/05/29	CAM SOP-00711	AOAC 992.15
Sugar Profile (2)	2	2020/06/01	2020/06/01	CAM SOP-00708	AOAC 980.13
Sugar Profile (2)	2	2020/06/01	2020/06/02	CAM SOP-00708	AOAC 980.13
Total Dietary Fibre	4	N/A	2020/06/03	CAM SOP-00707	AOAC 991.43, 985.29
Total Sugars (3)	4	2020/05/22	2020/06/02	CAM SOP-00708	AOAC 980.13
Vitamin D	4	2020/05/22	2020/06/04		AOAC 982.29
Vitamin D	4	2020/06/01	2020/06/04	CAM SOP-00719	AOAC 982.29

Remarks:

Scope Statement:

The analysis detailed in this document is intended to assist you, the Client, in your efforts and responsibility to produce safe food. The analysis may be for contaminants or adulterants that are known to be or may potentially be harmful, or that may impact on the quality or desired characteristics of the product. The results are representative of the samples at the time and condition of submission, and as determined by the indicated method(s). Any inference as to their applicability to any particular product, production lot, intermediate, ingredient or facility should be made by an individual with relevant expertise, based on an understanding of the product and the suitability of the sampling protocol.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

- (1) "Note: Total fatty acids and individual fatty acids are expressed as the triglycerides. Summed fatty acid groups are expressed as the fatty acids"
- (2) Glucose result reported represents a total of both the D- and L- isomers.
- (3) The result reported for Total Sugars is a calculated value based on the sum of glucose, fructose, lactose, sucrose and maltose only.



Attention: Luis Urena

Peru Naturals Corporation S.A.C.
Calle Torres Paz 1430,
Dpto. 305
Santa Beatriz, Cercado de Lima, --
Peru L1

Report Date: 2020/06/08

Report #: R6201572

Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C0C5358

Received: 2020/05/22, 15:35

Encryption Key

Jared Bowers
Customer Service Representative
08 Jun 2020 08:59:17

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Jared Bowers, Customer Service Representative

Email: Jared.Bowers@bvlabs.com

Phone# (905)817-5834

=====
BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Bureau Veritas Laboratories

Total Cover Pages : 2

Page 2 of 6

Bureau Veritas Laboratories 6660 Campobello Road, Mississauga, Ontario, L5N 2L9 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5778 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.



BUREAU
VERITAS

BV Labs Job #: COC5358
Report Date: 2020/06/08

Peru Naturals Corporation S.A.C.

RESULTS OF ANALYSES OF FOOD

BV Labs ID		MRQ880	MRQ881	MRQ882	MRQ883	
Sampling Date		2020/05/22	2020/05/22	2020/05/22	2020/05/22	
	UNITS	PHFC - MACKAREL FILLETS IN PURPLE OLIVE SAUCE	PHFC - MACKAREL FILLETS WITH SPROUTED QUINOA	PHFC - MACKAREL MEDALLIONS IN PERUVIAN PEPPER AND ONION MARINADE	PHFC - SMOKED MACKAREL MEDALLIONS WITH MARAS SALT	RDL
Nutritional Parameters						
KJ	/100g	696	503	682	1151	1
Protein	g/100g	16.73	13.04	17.18	26.74	0.10
Vitamin D (D3)	ug/100g	1.79	1.45	3.22	3.92	0.25
Vitamin D (D3)	IU/100g	72	58	129	157	20
Ash	g/100g	2.0	1.1	2.4	2.8	0.1
Calories	/100g	166	120	163	275	1
Fat (GC/FID)	g/100g	10.8	5.57	9.88	18.5	0.01
Carbohydrates	g/100g	1.0	5.1	2.0	0.7	0.1
Saturated Fatty Acids	g/100g	2.68	1.05	3.13	4.34	0.01
cis-Monounsaturated Fatty Acids	g/100g	5.13	3.12	2.87	8.88	0.01
cis-Polyunsaturated Fatty Acids	g/100g	2.47	1.13	3.31	4.38	0.01
Trans-Fatty Acids	g/100g	0.08	0.03	0.14	0.09	0.01
Omega-3 Polyunsaturated Fatty Acids	g/100g	1.36	0.44	2.76	2.78	0.01
Omega-6 Polyunsaturated Fatty Acids	g/100g	1.10	0.69	0.55	1.60	0.01
Total Dietary Fibre	g/100g	1.1	1.2	1.3	0.6	0.2
Total Sugars	g/100g	ND	ND	ND	ND	0.4
Fructose	g/100g	ND	ND	0.2	ND	0.1
Glucose	g/100g	ND	ND	ND	ND	0.2
Sucrose	g/100g	ND	ND	ND	ND	0.3
Maltose	g/100g	ND	ND	ND	ND	0.4
Lactose	g/100g	ND	ND	ND	ND	0.4
Cholesterol	mg/100g	36	26	63	89	1
Moisture	g/100g	69.4	75.2	68.6	51.2	0.1
RDL = Reportable Detection Limit ND = Not detected						

Bureau Veritas Laboratories



BUREAU
VERITAS

BV Labs Job #: COC5358
Report Date: 2020/06/08

Peru Naturals Corporation S.A.C.

ELEMENTS BY ATOMIC SPECTROSCOPY (FOOD)

BV Labs ID		MRQ880	MRQ881	MRQ882		MRQ883	
Sampling Date		2020/05/22	2020/05/22	2020/05/22		2020/05/22	
	UNITS	PHFC - MACKAREL FILLETS IN PURPLE OLIVE SAUCE	PHFC - MACKAREL FILLETS WITH SPROUTED QUINOA	PHFC - MACKAREL MEDALLIONS IN PERUVIAN PEPPER AND ONION MARINADE	RDL	PHFC - SMOKED MACKAREL MEDALLIONS WITH MARAS SALT	RDL
Metals							
Calcium (Ca)	ug/g	379	196	1510	20	3960	20
Chromium (Cr)	ug/g	ND	ND	ND	1.0	ND	1.0
Copper (Cu)	ug/g	ND	ND	ND	2.0	ND	2.0
Iron (Fe)	ug/g	8.1	3.8	25.4	2.0	16.8	2.0
Magnesium (Mg)	ug/g	226	298	299	10	503	10
Manganese (Mn)	ug/g	ND	2.2	ND	1.0	ND	1.0
Molybdenum (Mo)	ug/g	ND	ND	ND	2.0	ND	2.0
Phosphorus (P)	ug/g	1620	1380	2300	20	4330	200
Potassium (K)	ug/g	2400	1900	2330	100	3580	100
Selenium (Se)	ug/g	ND	ND	ND	20	ND	20
Sodium (Na)	ug/g	5260	2320	5060	50	4150	50
Sulphur (S)	ug/g	1790	1470	1860	20	2860	20
Zinc (Zn)	ug/g	ND	ND	ND	10	13	10
RDL = Reportable Detection Limit ND = Not detected							

Bureau Veritas Laboratories



BUREAU
VERITAS

BV Labs Job #: COC5358

Report Date: 2020/06/08

Peru Naturals Corporation S.A.C.

GENERAL COMMENTS

Results relate only to the items tested.

Bureau Veritas Laboratories



BUREAU
VERITAS

BV Labs Job #: COC5358

Report Date: 2020/06/08

Peru Naturals Corporation S.A.C.

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

Cristina Carriere

Cristina Carriere, Senior Scientific Specialist

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.