



Check Sample and Proficiency Testing Service

AACC International

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VITAMINS, MINERALS, & PROXIMATES

Instructions for completing worksheet:

No. VMP -

Or enter your results on-line at
www.aaccnet.org/checksample.

- Please type or print *clearly* and submit the results by fax or mail to the above address.
- Results to be received no later than:
- If there is a change in the contact person's name or address, please write a note to this affect in the left hand margin below, beside name or address, otherwise *no change* in name or address will be made.

SUBSCRIBER NUMBER:

(MUST BE PROVIDED)

Contact Person Name: _____

Company Name: _____

Address: _____

City: _____ State/Province: _____

Country: _____ Zip or Postal Code: _____

Phone: _____ Fax: _____ E-Mail: _____

Date sample received in your laboratory:

<u>Proximates</u>	<u>Results</u>	<u>Method Coding</u>	<u>Vitamins</u>	<u>Results</u>	<u>Method Coding</u>
Moisture, %	*1	_____	Pantothenic Acid, mg/100g	_____	_____
Protein, %, (N% x 6.25)		_____	Biotin, µg	_____	_____
Ash, %	*1	_____			
Crude Fat (EE), % (Ether Extract Only)		_____			
Crude Fat (AH), % (after Acid Hydrolysis)	*1	_____	<u>Minerals</u>		
			Iron, mg/100g	*3	_____
			Calcium, mg/100g	*3	_____
			Magnesium, mg/100g	*3	_____
<u>Vitamins</u>			Zinc, mg/100g	*3	_____
Vitamin A activity, IU/100g (as retinol)		_____	Copper, mg/100g		_____
Vitamin C, mg/100g	*2	_____	Phosphorus, mg/100g	*3	_____
Thiamin, mg/100g	*2	_____	Potassium, mg/100g	*3	_____
Riboflavin, mg/100g	*2	_____	Managanese, mg/100g		_____
Niacin, mg/100g	*2	_____	Sodium, g/100g	*3	_____
Vitamin B6, mg/100g	*2	_____	Selenium, µg/100g		_____
Vitamin B12, µg/100g		_____	Chromium, µg/100g		_____
Vitamin E, mg/100g (α-tocopherol)		_____			
Folic Acid, mg/100g		_____			

*Required value for Proficiency Testing Proficiency Certificate eligibility 1) Vitamin, Mineral, Proximate 2) Vitamin 3) Mineral

Methods Coding – Vitamins, Mineral, & Proximates, Series VMP

Moisture

A1	AACC 44-15A
A2	AACC 44-16
A3	AACC 44.19
A4	AACC 44.40
A5	AOAC 925.09
A6	AOAC 925.45
A7	AOAC 926.08
A8	AOAC 930.15
A9	AOAC 934.01
AX	None of the above.

Vitamin A

F1	AACC 86-02
F2	AACC 8603
F3	AACC 86-05
F4	AOAC 974.29
F5	AOAC 992.06
F6	AOAC 992.04
F9	HPLC other than above.
F10	AACC 86-06
FX	None of the above.

Niacin

K1	AACC 86-50A
K2	AACC 86-51
K3	AACC 86-52
K4	AOAC 944.13
K5	AOAC 960.46
K6	AOAC 960.46
K7	AOAC 981.16
K8	JAOAC 77:681
K9	AVC 4 (1985)
KX	None of the above.

Fa, Ca, Mg, Zn, Cu, K

R1	AACC 40-41A(Fe only)
R2	AACC 40-20 (Ca only)
R3	AACC 40-70
R4	AOAC 984.27
R5	AOAC 985.35
R6	AOAC 965.09
R7	AOAC 968.08
R8	ICO other than above.
R9	AAS other than above.
RX	None of the above.

Fat, Ether Extract Only

B1	AACC 30-20
B2	AACC30-25
B3	AOAC920.39
B4	AOAC960.39
B5	AOAC920.85
B6	AOAC948.22
B7	AOAC989.05
BX	None of the above.

Carotene

G1	AACC 86-05
G2	AOAC 941.15
G3	AOAC 974.29
G4	AOAC 992.06
G5	J L Chr 10:643
G6	NFDA (1990)
G7	Analyst 110:1019
G8	HPLC other than above.
GX	None of the above.

Vitamin B6

L1	AACC 86-31
L2	AOAC 961-15
L3	AOAC 960.46
L4	AOAC 985.32
L5	AVC 4 (1985)
L6	I E C 15:141
L7	HPLC other than above.
LX	None of the above.

Phosphorus, Manganese

S1	AACC 40-45 (Mn only)
S2	AACC 40-70
S3	AOAC 965.17
S4	AOAC 986.27
S5	AOAC 984.27
S6	AOAC 931.01
S7	AOAC 958.01
S8	AOAC 965.09
S9	ICP other than above.
SX	None of the above.

Fat, Acid Hydrolysis

C1	AACC 30-10
C2	AACC 30-14
C3	AOAC 922.06
C4	AOAC 954.02
C5	AOAC 925.32
C6	AOAC 945.44
C8	AOAC 996.01
C9	AACC 58-19
CX	None of the above.

Vitamin C

H1	AACC 86-10
H2	AOAC 967.21
H3	AOAC 967.22
H4	AOAC 984.26
H5	JAOAC 75:887
H6	AVC3 or 4 (1996,1985)
H7	J Chrom 206:346
H8	J Biol Chem 147:399
H9	HPLC other than above.
HX	None of the above.

Vitamin B12

M1	AACC 86-40
M2	AOAC 961.15
M3	AOAC 960.46
M4	AVC 4 (1985)
MX	None of the above.

Chromium

T1	AACC 40-70
T2	AOAC 965.09
T3	AOAC 965.17
T4	AOAC 969.31
T5	AOAC 972.23
T6	AOAC 975.03
T7	JAOAC 75:354
T8	ICP other than above.
T9	AAS other than above.
TX	None of the above.

Protein

D1	AACC 46-10
D2	AACC 46-11A
D3	AACC 46-12
D4	AACC 46-13
D5	AACC 46-30
D6	AOAC 968.06
D7	AOAC 955.04
D8	AOAC 988.05
D9	AOAC 991.20
DX	None of the above.

Thiamin

I1	AACC 86-80
I2	AOAC 942.23
I3	AOAC 953.17
I4	AOAC 957.19
I5	JAOAC 77:681
I6	AVC 4 (1985)
I7	HPLC other than above.
IX	None of the above.

Vitamin E

N1	AOAC 992.03
N2	AOAC 971.30
N3	AOAC 989.09
N4	JAOAC 39:296
N5	AVC3 or 4 (1996,1985)
N6	AOCS Ce 3-74
N7	AACC 86-06
N8	HPLC other than above.
NX	None of the above.

Folic Acid

O1	AOAC 960.46
O2	AOAC 944.12
O3	AACC 86-47
OX	None of the above.

Selenium

U1	AACC 40-70
U2	AOAC 974.15
U3	AOAC 969.06
U4	AOAC 986.15
U5	JAOAC 65:679
UX	None of the above.

Ash

E1	AACC 08-01
E2	AACC 08-02
E3	AACC 08-10
E4	AOAC 923.03
E5	AOAC 942.05
E6	AOAC 900.02
E7	AOAC 945.18
E8	AACC 08-03
EX	None of the above.

Riboflavin

J1	AACC 86-70
J2	AACC 86-72
J3	AACC 86-73
J4	AOAC 970.65
J5	AOAC 940.33
J6	AOAC 960.46
J7	AOAC 981.15
J8	AVC 4 (1985)
J9	HPLC other than above.
JX	None of the above.

Pantothenic Acid

P1	AOAC 945.74
P2	AOAC 960.46
P3	AVC 4 (1985)
P4	Arch B 19:287
PX	None of the above.

Biotin

Q1	AOAC 960.46
Q2	JAOAC 49:882
Q4	Fed Proc 56:95
QX	None of the above.

Sodium

V1	AACC 40-70
V2	AACC 40-71
V3	AOAC 984.27
V4	AOAC 985.35
V5	AOAC 965.09
V6	AOAC 976.25
V7	AOAC 968.08
V8	ICP other than above.
V9	AAS other than above.
VX	None of the above.

NOTE: This is a confidential service. Data furnished on this form will be disclosed only to you and other subscribers by confidential number and only with those of other subscribers, also identified only by confidential subscriber number, for comparison purposes.