

PROTHERA, INC.
ATTN: JENNY DIGESTI
10439 DOUBLE R BLVD.
RENO, NV 89521

Reporting Date 02/06/2012



AR-12-QA-003902-01

REPORT OF ANALYSIS

Sample Code 468-2012-0127B082
Description EMX
Client Sample Code LOT # D13170950
Reference
Reception Date 01/27/2012
Purchase Order 01132012-1

Test Results

Result

QD610 - Mercury (ICP-MS)
Completion Date: 02/03/2012 **Method:** AOAC 986.15 mod.
Mercury (Hg)

<0.010 mg/kg

QA00F - Peroxide Value
Completion Date: 01/30/2012 **Method:** AOCS Cd 8-53
Peroxide value

1.78 meq/kg

QA01L - p-Anisidine Value
Completion Date: 01/30/2012 **Method:** AOCS Cd 18-90
p-Anisidine Value

69.2

QA286 - Capsule Fill Weight
Completion Date: 01/30/2012 **Method:** USP/NF 905
* Capsule Fill Weight

1,053.1 mg

QA169 - Conjugated Linoleic (CLA)
Completion Date: 02/01/2012 **Method:** AOCS Ce 1b-89
* Total Conjugated linoleic acid (CLA)

0.0 mg/Capsule

QA177 - alpha-Linolenic Acid (ALA)
Completion Date: 02/01/2012 **Method:** AOCS Ce 1b-89
* Alpha-Linolenic acid C18:3 (n-3)

3.9 mg/Capsule

QA178 - gamma-Linolenic (18:3n6)
Completion Date: 02/01/2012 **Method:** AOCS Ce 1b-89
* C18:3n-6 Gamma Linolenic

3.6 mg/Capsule

QA171 - Linoleic (C18:2) by IS
Completion Date: 02/01/2012 **Method:** AOCS Ce 1b-89
* C 18:2 (Linoleic acid)

2.7 mg/Capsule

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QA01N - Fatty Acid Profile (relative area %)

Completion Date: 02/01/2012 Method: AOCS Ce 1b-89

* C 8:0 (Caprylic acid)	<0.10 %
* C 6:0 (Caproic acid)	<0.10 %
* C 10:0 (Capric acid)	<0.10 %
* C 12:0 (Lauric acid)	<0.10 %
* C 13:0 (Tridecanoic acid)	<0.10 %
* C 14:0 (Myristic acid)	<0.10 %
* C 14:1 (Myristoleic acid)	<0.10 %
* C 15:0 (Pentadecanoic acid)	<0.10 %
* C 15:1 (Pentadecenoic acid)	<0.10 %
* C 16:0 (Palmitic acid)	0.20 %
* C 16:1 (Palmitoleic acid)	0.22 %
* C 16:2 (Hexadecadienoic acid)	<0.10 %
* C 16:3 (Hexadecatrenoic acid)	<0.10 %
* C 16:4 (Hexadecatetraenoic acid)	<0.10 %
* C 17:0 (Margaric acid)	<0.10 %
* C 17:1 (Margaroleic acid)	<0.10 %
* C 18:0 (Stearic acid)	1.38 %
* C 18:1n7 (Vaccenic acid)	0.74 %
* C 18:1n9 (Oleic acid)	2.10 %
* C 18:2n6 (Linoleic acid)	0.34 %
* C 18:3n3 (alpha-Linolenic)	0.45 %
* C 18:3n6 (gamma-Linolenic acid)	<0.10 %
* C 18:4n3 (Stearidonic acid)	0.38 %
* C 20:0 (Arachidic acid)	0.91 %
* C 20:1 (Eicosenoic acid)	0.42 %
* C 20:1n9 (Gadoleic acid)	<0.10 %
* C 20:2n6 (Eicosadienoic acid)	<0.10 %
* C 20:3n3 (Eicosatrienoic acid)	0.23 %
* C 20:3n6 (homo-gamma-Linolenic acid)	0.50 %
* C 20:4 (Arachidonic acid)	2.35 %
* C 20:4n3 (Eicosatetraenoic acid)	1.84 %
* C 20:4n5 (Eicosatetraenoic)	<0.10 %
* C 20:5n3 (Eicosapentaenoic acid)	38.56 %
* C 21:0 (Heneicosanoic acid)	<0.10 %
* C 21:5n3 (Heneicosapentaenoic acid)	2.27 %
* C 22:0 (Behenic acid)	0.35 %
* C 22:1n11 (Cetoleic acid)	<0.10 %
* C 22:1n9 (Erucic acid)	2.79 %
* C 22:2n6 (Docosadienoic acid)	<0.10 %
* C 22:4n3 (Eicosatetraenoic acid)	<0.10 %
* C 22:4n6 (Docosatetraenoic acid)	<0.10 %

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- * C 22:5n3 (Docosapentaenoic acid)
- * C 22:5n6 (Docosapentaenoic acid)
- * C 22:6n3 (Docosahexaenoic acid)
- * C 23:0 (Tricosanoic acid)
- * C 24:0 (Lignoceric acid)
- * C 24:1 (Nervonic acid)
- * Unknown Components

Result

- 6.33 %
- 1.02 %
- 28.98 %
- <0.10 %
- 0.15 %
- 0.67 %
- 6.74 %

QA421 - Polychlorinated Biphenyls

Completion Date: 02/03/2012 Method: AOAC 970.52

- * Polychlorinated Biphenyls

<0.01 mg/kg

**This is not covered by our current A2LA accreditation.*

Respectfully Submitted,
Eurofins Central Analytical Laboratories

Results shown in this report relate solely to the item
submitted for analysis.
Uncertainty can be obtained upon request.


John Reuther, President



TESTING CERT
#2993-01

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