

Eurofins Sample Code: 464-2017-02130637
Sample Description: CPA17037
Client Sample Code: 4 PLEX E FOM
PO Number:
Client Code: QD0001351

Entry Date: 02/13/2017
Reporting Date: 02/20/2017

Zinpro Corporation
 Attn: Jon Morrison
 PO Box 167
 Garner, IA 50438

CERTIFICATE OF ANALYSIS

AR-17-QD-025773-01

Test	Result	Theoretical Level
QD046 - Cobalt by AAS		
AOAC 965.17 / 968.08 modified		
Cobalt	0.38 %	0.36 %
QD058 - Copper by ICP		
AOAC 965.17 / 985.01 mod.		
* Copper	2.02 %	1.80 %
QD117 - Manganese by ICP		
AOAC 965.17 / 985.01 mod.		
* Manganese	2.98 %	2.86 %
QD745 - Zinc - Zinpro		
AOAC 965.17 / 985.01 mod.		
* Zinc-ICP Macro	5.39 %	5.15 %

*The test result is covered by our current A2LA accreditation.

Respectfully Submitted,
 Eurofins Scientific Inc.



Ramin Jahromi

Technical Manager

Results shown in this report relate solely to the item submitted for analysis.
 All results are reported on an "As Received" basis unless otherwise stated.
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 Eurofins Scientific, Inc. Measurement of Uncertainty can be obtained upon request.



Chemical Testing
 Cert:2927:01

Eurofins Sample Code: 464-2017-03270651**Sample Description:** 4 Plex E**Client Sample Code:** CPA17037**PO Number:** 4500023435**Client Code:** QD0001351**Entry Date:** 03/27/2017**Reporting Date:** 04/02/2017Zinpro Corporation
attn: Mark Ihrke
PO Box 167
Garner, IA 50438Zinpro Corporation
Attn: Jon Morrison
PO Box 167
Garner, IA 50438**CERTIFICATE OF ANALYSIS**

AR-17-QD-048099-01

Test	Result	Theoretical Level
QD06T - Cadmium (Mwd-ICP-MS)		Completed: 04/01/2017
J. AOAC vol. 90 (2007) 844-856 (Mod) Cadmium (Cd)	0.718 mg/kg	
QD06S - Lead (Mwd-ICP-MS)		Completed: 04/01/2017
J. AOAC vol. 90 (2007) 844-856 (Mod) Lead (Pb)	1.50 mg/kg	
QD06R - Mercury (Mwd-ICP-MS, Most Matrices)		Completed: 04/01/2017
J. AOAC vol. 90 (2007) 844-856 (Mod) Mercury (Hg)	<0.010 mg/kg	
QD06Q - Arsenic (Mwd-ICP-MS)		Completed: 04/01/2017
J. AOAC vol. 90 (2007) 844-856 (Mod) Arsenic (As)	0.379 mg/kg	

Respectfully Submitted,
Eurofins Scientific Inc.

Desiree Childs

Evening Manager

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Chemical Testing
Cert:2927:01

Eurofins Sample Code: 464-2016-10280982
Sample Description: 4 Plex E Fom
Client Sample Code: CPA16299
PO Number:
Client Code: QD0001351

Entry Date: 10/28/2016
Reporting Date: 11/06/2016

Zinpro Corporation
 attn: Lori Lau
 PO Box 167
 Garner, IA 50438

Zinpro Corporation
 Attn: Jon Morrison
 PO Box 167
 Garner, IA 50438

CERTIFICATE OF ANALYSIS

AR-16-QD-161418-01

Test	Result	Theoretical Level
QD046 - Cobalt by AAS		Completed: 11/05/2016
AOAC 965.17 / 968.08 modified		
Cobalt	0.39 %	0.36 %
QD058 - Copper by ICP		Completed: 11/02/2016
AOAC 965.17 / 985.01 mod.		
* Copper	2.14 %	1.80 %
QD117 - Manganese by ICP		Completed: 11/02/2016
AOAC 965.17 / 985.01 mod.		
* Manganese	3.08 %	2.86 %
QD745 - Zinc - Zinpro		Completed: 11/02/2016
AOAC 965.17 / 985.01 mod.		
* Zinc-ICP Macro	5.55 %	5.15 %

**The test result is covered by our current A2LA accreditation.*

Respectfully Submitted,
 Eurofins Scientific Inc.



Desiree Childs

Evening Manager

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Biological Testing
 Cert:3329:01



Chemical Testing
 Cert:2927:01

Eurofins Sample Code: 464-2017-03270652**Sample Description:** 4 Plex E**Client Sample Code:** CPA16299**PO Number:** 4500023435**Client Code:** QD0001351**Entry Date:** 03/27/2017**Reporting Date:** 04/02/2017Zinpro Corporation
attn: Mark Ihrke
PO Box 167
Garner, IA 50438Zinpro Corporation
Attn: Jon Morrison
PO Box 167
Garner, IA 50438**CERTIFICATE OF ANALYSIS**

AR-17-QD-048100-01

Test	Result	Theoretical Level
QD06T - Cadmium (Mwd-ICP-MS)		Completed: 04/01/2017
J. AOAC vol. 90 (2007) 844-856 (Mod) Cadmium (Cd)	0.925 mg/kg	
QD06S - Lead (Mwd-ICP-MS)		Completed: 04/01/2017
J. AOAC vol. 90 (2007) 844-856 (Mod) Lead (Pb)	1.307 mg/kg	
QD06R - Mercury (Mwd-ICP-MS, Most Matrices)		Completed: 04/01/2017
J. AOAC vol. 90 (2007) 844-856 (Mod) Mercury (Hg)	<0.010 mg/kg	
QD06Q - Arsenic (Mwd-ICP-MS)		Completed: 04/01/2017
J. AOAC vol. 90 (2007) 844-856 (Mod) Arsenic (As)	0.442 mg/kg	

Respectfully Submitted,
Eurofins Scientific Inc.

Desiree Childs

Evening Manager

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Chemical Testing
Cert:2927:01