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12	UNITED STATES	DISTRICT COURT				
13						
14						
15	TODD SMITH, individually and on behalf of all others similarly situated,	Case No.				
16	Plaintiff,	CLASS ACTION COMPLAINT				
17	V.	JURY TRIAL DEMANDED				
18 19	ALLMAX NUTRITION, INC.; and HBS INTERNATIONAL CORP.,	1. Violations of California Consumers Legal Remedies Act, Cal. Civ. Code § 1750, <i>et seq</i> .				
	Canadian corporations,	2. Violations of California False Advertising				
20	Defendants.	Law, Cal. Bus. & Prof. Code § 17500, et seq.				
21 22		<b>3.</b> Violation of California Unfair Competition Law, Cal. Bus. & Prof. Code § 17200, <i>et seq</i> .				
23		4. Unjust Enrichment				
24		5. Breach of Express Warranty				
25						
26						
27						
28						
		ON COMPLAINT				

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Plaintiff Todd Smith ("Plaintiff"), on behalf of himself and all others similarly situated, 1 through his undersigned attorneys, state as follows for his Class Action Complaint and Jury Demand 2 against Defendants Allmax Nutrition, Inc. ("Allmax") and HBS International Corp ("HBS"): 3 **NATURE OF THIS ACTION** 4 1. This is a consumer class action brought by Plaintiff on behalf of himself and all others 5 similarly situated who purchased the dietary supplement Allmax Nutrition Isoflex (the "Products") 6 from Defendants. 7 2. Defendants engaged in unfair and/or deceptive business practices by misrepresenting 8 the nature and quality of the Products on the Products' labeling, and were unjustly enriched. 9 PARTIES 10 3. Plaintiff is a resident of Fresno, California who purchased the Products from the 11 Vitamin Shoppe, a retail store located in Fresno, California. 12 4. Defendant Allmax Nutrition, Inc. ("Allmax") is a Canadian corporation with its 13 principal place of business in Toronto, Ontario. Allmax is a supplier of bodybuilding and sports 14 nutrition supplements in the United States and Canada. 15 5. Defendants HBS International Corp. ("HBS") is a Canadian corporation with its 16 principal place of business in Toronto, Ontario. HBS also maintains an office in Carson City, Nevada. 17 Upon information and belief, HBS is a wholly-owned subsidiary of Allmax and distributes Allmax's 18 line of products in the United States and Canada for purchase at a variety of retailers. 19 JURISDICTION AND VENUE 20 This Court has subject matter jurisdiction over Plaintiff's claims pursuant to 28 U.S.C. 6. 21 § 1332(d), because the combined claims of the proposed class members exceed \$5,000,000 and 22 because Defendants are Canadian citizens, whereas as Plaintiff and Class members are United States 23 citizens. 24 7. This Court has personal jurisdiction over Defendants because they have personally 25 availed themselves of the benefits and protections afforded by California law by marketing and 26 distributing the Products for sale to consumers within this District. 27 8. Venue is proper in this District pursuant to: (1) 28 U.S.C. § 1391(b)(2) in that a 28

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1	substantial part of the events or omissions giving rise to Plaintiff's claims occurred in this District; and					
2	28 U.S.C. § 1391(b)(3) in that Defendants are subject to personal jurisdiction in this District.					
3	GENERAL ALLEGATIONS					
4	9. Sales of whey protein products are expected to grow 62% to reach U.S. \$7.8 billion in					
5	2018. <sup>1</sup> However, due to the high level of competition in the market and the escalating price of					
6	wholesale whey protein, sellers' profit margins are slim.					
7	10. In such a competitive business environment, Defendants make an effort to differentiate					
8	the Products by including added complexes that make false claims to entice consumers to choose the					
9	Products over competitors' products.					
10	11. Defendants designed, manufactured, warranted, advertised and sold the Products					
11	throughout the United States, and continue to do so.					
12	<b>Defendants' Misleading Labeling of the Products</b>					
13	12. Due to the highly competitive protein supplement industry, Defendants make false					
14	claims about the Products to differentiate them from competing protein products.					
15	13. Defendants misled the Plaintiff and Class Members by stating that the Products contain					
16	two complexes, NOS Complex and Glutamine Complex:					
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28	<sup>1</sup> Available at http://www.euromonitor.com/sports-nutrition-in-the-us/report (Last visited May 14, 2015).					
	3 CLASS ACTION COMPLAINT					
	CLASS ACTION COMILAINT					

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14. The "NOS-Complex" is allegedly supposed to contain the free-form amino acids LArginine and L-Taurine. However, after scientific testing, the Products do not contain either of these
free-form amino acids. The "Glutamine Complex" is allegedly supposed to contain the free-form
amino acid L-Glutamine. However, after scientific testing, the Products do not contain the free form

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1	amino acid L-Glutamine. See Exhibit A.				
2	15. The Products have the statement "Contains L-Arginine and Taurine." Designed to				
3	increase blood flow, increase nitrogen levels, and increase protein delivery." Because Isoflex does not				
4	contain these free-form amino acids, these label claims are false and misleading.				
5	16. The Products also have the statement "Free-Form L-Glutamine Designed to improve				
6	recovery and immune support." Because the Products do not contain the free-form amino acid L-				
7	Glutamine, this label claim is false and misleading.				
8	17. Defendants' claim – "Contains L-Arginine and Taurine. Designed to increase blood				
9	flow, increase nitrogen levels, and increase protein delivery" - regarding the NOS Complex is false				
10	due to the lack of claimed ingredients:				
11	ALLMAX ISOFLEX® : THE MOST PRUSTED NAME IN PROTEIN				
12	when an ultra-High Quality When Protein Isolate Delivery System Formula containing one				
13	even scoop. ISOFLEX® by ALLMAX in a contains 0 g fat, 0 g sugar and is 99% lactose-free. ISOFLEX® does not containing 0 g fat, 0 g sugar and is 99% lactose-free. ISOFLEX® delivers exc				
14	main that mixes easily and tastes incredible. ISOFLEX <sup>®</sup> is produced in an air-pressure sealed cGMP from				
15	SOFLEX® has been produced under the purest and cleanest conditions possible. ALLMAX ISOFLEX® has been appreteration of the purest and cleanest conditions possible. ALLMAX ISOFLEX® has been appreterated approprietary complexes, exclusive to ALLMAX, designed to further increase delivery and absorption:				
16	1. WPI Complex [WPI97 FORTIFIED <sup>TM</sup> ]: CTP <sup>TM</sup> (Cold Temperature Process), cross-flow microfiltered whey provide and Alpha-Lactalbumin-rich whey peptides.				
17	2. NUS Complex [ULTRA-FLOW DELIVERY <sup>™</sup> ]: Contains L-Arginine and Taurine. Designed to increase blood increase nitrogen levels, and increase protein deliverent				
18					
19	<ul> <li>In the second process of the se</li></ul>				
20	protein uptake and normal insulin function.* SOFLEX <sup>®</sup> is an aspartame-free, gluten-free, instantized protein that mixes easily and tastes great.				
21	registry quality chapter to the chainer of the chai				
22	ALMAX QUALITY GUARANTEE: ALLMAX ISOFLEX® is produced at a cGMP, NSF®, Informed Choice is produced is independently lab tested for purity and potency ensuring consistent quality every time.				
23	Contractivity and potency ensuring consistent quality every time.				
24	Our exclusive out 57.0%				
25	state thereby pure protein extraction technology Giveomacropeptide 15.0%				
26	Image: Subject				
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28	Alpha-Lactalbumin Alpha-Lactalbumin Bi, Di & Tri-Peptides Immunoglobulin Bovine Serum Albumin Lactoferrin PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PROTEIN PRO				
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1 18. Defendants' claim – "Free-Form L-Glutamine Designed to improve recovery and
 2 immune support" – regarding the Glutamine Complex is also false due to the lack of claimed
 3 ingredients.

4 19. Even if there were L-Glutamine added to the Products, which there is not, the claims
5 regarding this complex would still be false and misleading.

6 20. "Recovery" in bodybuilding is the process of the trained muscles to recuperate and
7 grow after resistance training. This process enables the body to undergo muscle growth.

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21. In one study, Glutamine failed to affect muscle protein kinetics of the subjects.<sup>2</sup>

9 22. Another study in healthy humans, glutamine was continuously infused for 2.5 hours at a
10 rate corresponding to 0.4 grams/kg and revealed that glutamine provision did neither stimulate muscle
11 protein synthesis.<sup>3</sup>

23. There is a study that investigated the effect of L-glutamine supplementation on the 12 plasma and muscle tissue glutamine concentrations of exercise-trained rats immediately and three 13 hours after a single exercise session until exhaustion. Rats were subjected to 60 minutes of swimming 14 exercise daily for six weeks. During the final three weeks, one group was given a daily dose of L-15 glutamine (1 gram/kg). The plasma and muscle glutamine levels were higher than placebo during the 16 post-exhaustive recovery period; however, this increase had no effect on exercise swim test to 17 exhaustion performance, suggesting that elevations in plasma and muscle glutamine levels have no 18 benefit on muscle performance.<sup>4</sup> 19

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24. A study was conducted to assess the effect of oral glutamine supplementation combined with resistance training in young adults. Subjects received either placebo (0.9 grams/kg fat-free mass/day of maltodextrin) or L-glutamine (0.9 grams/kg fat-free mass/day) during six weeks of resistance training. Results showed that muscle strength and torque, fat-free mass, and urinary 3-

<sup>&</sup>lt;sup>25</sup>Gore D, Wolfe R. Glutamine supplementation fails to affect muscle protein kinetics in critically ill patients. *JPEN J Parenter Enteral Nutr*, 2002, 26:342-49.

<sup>&</sup>lt;sup>3</sup> Svanberg E, Moller-Loswick A, Matthews D, Korner U, Lundholm K. The effect of glutamine on

protein balance and amino acid flux across arm and leg tissues in healthy volunteers. *Clin Physiol*, 2001, 4:478-89.

 <sup>&</sup>lt;sup>4</sup> Rogero M, Tirapequi J Pedrose R, Castro I, Pires I. Effect of alanyl-glutamine supplementation on plasma and tissue glutamine concentrations in rats submitted to exhaustive exercise. *Nutrition*, 2006, 22:564-71.

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methyl histidine (a marker of muscle protein degradation) all significantly increased with training, but
 were not different between groups. This study demonstrated that L-glutamine supplementation during
 resistance training had no significant effect on muscle performance, body composition, or muscle
 protein degradation in young healthy adults.<sup>5</sup>

25. A study was performed to examine the effects of a combination of effervescent 5 creatine, ribose, and glutamine on muscle strength, endurance, and body composition in resistance-6 trained men. Subjects performed resistance training while ingesting either placebo or the experimental 7 supplement (5 grams of creatine, 3 grams of glutamine, and 2 grams ribose), for eight weeks. Both 8 groups significantly improved muscle strength and endurance and fat-free mass, yet groups were not 9 significantly different from one another. Therefore, the experimental supplement, which included 10 glutamine, was no more effective than placebo in improving skeletal muscle adaptation to resistance 11 training.<sup>6</sup> 12

26. Another study sought to determine the effects of eight weeks of creatine monohydrate 13 and glutamine supplementation on body composition and performance measures. Subjects were 14 randomly assigned to receive either placebo for eight weeks, creatine monohydrate (0.3 grams/kg/day 15 for one week and then 0.03 grams/kg/day for seven weeks) or the same dose of creatine in addition to 16 4 grams of glutamine/day while engaged in a resistance training program. Body mass and fat-free 17 mass increased in the creatine and creatine + glutamine groups at a greater rate than with placebo. 18 Additionally, the two experimental groups underwent a significantly greater improvement in the initial 19 rate of muscle power production compared to placebo. These results suggest that the creatine and 20 creatine + glutamine groups were equally effective in producing skeletal adaptation to resistance 21 training and that glutamine apparently had no preferential effect in augmenting the results. 22

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<sup>&</sup>lt;sup>5</sup> Candow D, Chilibeck P, Burke D, Davison K, Smith-Palmer T. Effect of glutamine supplementation combined with resistance training in young adults. *Eur J Appl Physiol*, 2001, 86:142-49.

<sup>&</sup>lt;sup>26</sup><sup>6</sup> Falk D, Heelan K, Thyfault J, Koch A. Effects of effervescent creatine, ribose, and glutamine

supplementation on muscle strength, muscular endurance, and body composition. *J Strength Cond Res*, 2003, 17:810-16.

 <sup>&</sup>lt;sup>7</sup> Lehmkuhl M, Malone M, Justice B, Trone G, Pistilli E, Vinci D, Haff E, Kilgore L, Haff G. The effects of 8 weeks of creatine monohydrate and glutamine supplementation on body composition and performance measures. *J Strength Cond Res*, 2003, 17:425-38.

1 27. A study was performed to determine if high-dose glutamine ingestion affected 2 weightlifting performance. In a double-blind, placebo-controlled, crossover study resistance-trained 3 men performed weightlifting exercises one hour after ingesting placebo (calorie-free fruit juice) or 4 glutamine (0.3 g/kg) mixed with calorie-free fruit juice. Results demonstrated no significant 5 differences in weightlifting performance (maximal repetitions on the bench press and leg press 6 exercises), indicating that the short-term ingestion of glutamine did not enhance weightlifting 7 performance in resistance-trained men.<sup>8</sup>

28. Similarly, a study sought to determine whether glutamine ingestion influenced acid-8 base balance and improved high-intensity exercise performance. Trained males performed five 9 exercise bouts on a cycle ergometer at 100% of VO2 peak. The first four bouts were 60 seconds in 10 duration, while the fifth bout was continued to fatigue. Each bout was separated by 60 seconds of 11 recovery. The exercise bouts were initiated 90 minutes after ingesting either placebo or 0.3 grams/kg 12 of glutamine. Results showed that blood pH, bicarbonate, and lactate, along with time to fatigue, were 13 not significant different between supplement conditions indicating that the acute ingestion of L-14 glutamine did not enhance either buffering potential or high-intensity exercise performance in trained 15 males.<sup>9</sup> 16

29. Another study determined whether oral glutamine, alone or in combination with 17 hyperoxia, influenced oxidative metabolism and cycle time-trial performance in men. Subjects 18 ingested either placebo or 0.125 grams/kg of glutamine one hour before completing a brief high-19 intensity time-trial (approximately four minutes in duration). Results indicated no significant 20 difference in pulmonary oxygen uptake during the exercise test, thereby indicating no effect of 21 glutamine ingestion either alone or in combination with hyperoxia, and thus no limiting effect of the 22 tricarboxylic acid intermediate pool size, on oxidative metabolism and performance during exercise.<sup>10</sup> 23

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<sup>&</sup>lt;sup>8</sup> Antonio J, Sanders M, Kalman D, Woodgate D, Street C. The effects of high-dose glutamine ingestion on weightlifting performance. *J Strength Cond Res*, 2002, 16:157-60.

<sup>&</sup>lt;sup>9</sup> Haub M, Potteiger J, Nau K, Webster M, Zebas C. Acute L-glutamine ingestion does not improve maximal effort exercise. *J Sports Med Phys Fitness*, 1998, 38:240-44.

<sup>&</sup>lt;sup>28</sup> <sup>10</sup> Marwood S, Botwell J. No effect of glutamine supplementation and hyperoxia on oxidative metabolism and performance during high-intensity exercise. *J Sports Sci*, 2008, 26:1081-90.

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30. In a consensus statement in 2011, it did not recommend L-glutamine supplements for
 sports and exercise.<sup>11</sup>

3 31. Also, Defendants' claim regarding Glutamine improving immunity has also been4 shown to be false.

32. A study showed that it was determined that oral glutamine supplementation did not
have any effect on blood leukocyte or lymphocyte counts (indicators of immunity support).<sup>12</sup>

33. Another study concluded that, although the glutamine hypothesis may explain
immunodepression related to other stressful conditions such as trauma and burn, plasma glutamine
concentration is not likely to play a mechanistic role in exercise-induced immunodepression.<sup>13</sup>

34. Defendants also claim that the Product contains 4617 mg of Glutamine, however, the
Product does not contain any Glutamine, but rather its closely related chemical cousin Glutamic Acid:

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 <sup>&</sup>lt;sup>25</sup> <sup>11</sup> Walsh NP, Gleeson M, Pyne DB, Nieman DC, Dhabhar FS, Shephard RJ, Oliver SJ, Bermon S,
 <sup>26</sup> Kajeniene A. Position statement. Part two: maintaining immune health. *Exerc Immunol Rev.*

<sup>2011;17:64–103.</sup> 

<sup>&</sup>lt;sup>27</sup> <sup>12</sup> Yalcin SS, et al. Effect of glutamine supplementation on lymphocyte subsets in children with acute diarrhea. *Turk J Pediatr*. 2010 May-Jun;52(3): 262-6.

<sup>&</sup>lt;sup>28</sup> <sup>13</sup> Hiscock N, Pedersen BK. Exercise-induced immunodepression– plasma glutamine is not the link. *J Appl Physiol.* 2002;93:813–822.

	and the second
ranched-Chain Amino	Acids (BCAA)
-Leucine	2889 mg
-Valine	1512 mg
-Isoleucifie	1674 mc
-Histitine	432 mg
-Lysine	2997 mg
-Methionine	594 mg
L-Phenylalanine	756 mg
L-Threonine	1755 mg
L-Tryptophan	459 mg
L-Alanine	1377 mg
L-Arginine	567 mg
L-Aspartic Acid	2835 mg
L-Cysteine	648 mg
L-Glutamine	4617 mg
L-Glycine	432 mg
L-Hydroxyproline	27 mg
L-Proline	1485 mg
L-Serine	1188 mg
L-Tyrosine	756 mg
L-Tyrosine DTAL	756 <b>27,000</b> I

35. Defendants used the above-referenced statements when they marketed, advertised, and promoted the Products on their website and in other materials, and continue to do so.

24 36. Defendants' labeling, marketing, and advertising of the Products causes real harm to
25 consumers who are looking for added features to their whey protein product.

37. The difference between the products Defendants expressly and/or implicitly purport to
deliver and the Products actually delivered is significant. The amount of added compounds provided
by the Products directly affects its value to reasonable consumers. Because of Defendants' practices,

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such consumers are misled and deceived into paying an inflated price for Defendants' Products.

38. The FDA promulgated regulations for compliance with the FDCA and DSHEA at 21 2 C.F.R. 101, et seq. These regulations require all ingredients to be listed on the label of dietary 3 supplements sold to the public. 21 C.F.R. 101.4. 4

39. Defendants' deceptive statements violate 21 U.S.C. § 343(a)(1), which deems food 5 (including nutritional supplements) misbranded when the label contains a statement that is "false or 6 misleading in any particular." 7

40. California prohibits the misbranding of food in a way which parallels the FDCA 8 through the "Sherman Law", Cal. Health & Saf. Code § 109875, et seq. The Sherman Law provides 9 that food is misbranded "if its labeling is false or misleading in any particular." Id. 10

41. The Sherman Law explicitly incorporates by reference "[a]ll food labeling regulations 11 and any amendments to those regulations adopted pursuant to the FDCA," as the food labeling 12 regulations of California Cal. Health & Saf. Code, § 110100, subd. (a). 13

42. Defendant's claims are misleading to consumers in violation of 21 U.S.C. § 343, which 14 states, "A food shall be deemed to be misbranded—False or misleading label [i]f its labeling is false or 15 misleading in any particular." 16

43. Further, federal statutes and regulations require that all ingredients added to a food 17 product for their functional effect to be listed in descending order of predominance. See 21 U.S.C. § 18 343(i); 21 C.F.R. §§ 101.2, 101.4, 101.100(a)(3)(ii)(c). Failure to list an ingredient, or listing 19 ingredients which are not contained in a product, shall render a food misbranded and therefore its sale 20 will be deemed unlawful. 21 U.S.C. §§ 343(a), 331(a). The above laws, and all regulations enacted 21 pursuant thereto, are incorporated into California's Sherman Law. Thus, a violation of federal food 22 labeling laws is an independent violation of California law and actionable as such. 23

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44. The introduction of misbranded food into interstate commerce is prohibited under the FDCA and all state parallel statutes cited in this Class Action Complaint. 25

45. Plaintiff and Class Members would not have purchased the Products, or would have not 26 paid as much for the Products, had they known the truth about the mislabeled and falsely advertised 27 Products. 28

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1	CLASS ACTION ALLEGATIONS					
2	46. Plaintiff brings this action individually and as representatives of all those similarly					
3	situated pursuant to Rule 23 of the Fed. R. Civ. P. on behalf of the class and subclass ("the Classes").					
4	The Classes are defined as follows:					
5	1. National Class: All persons in the United States who purchased the					
6	Products at any time during the four years before the date of filing of this					
7	Complaint to the present.					
8	2. California Subclass: All persons in the State of California who					
9	purchased the Products at any time during the four years before the date of					
10	filing of this Complaint to the present.					
11	47. Excluded from the Classes are Defendants, any entity in which Defendants have a					
12	controlling interest or which has a controlling interest in Defendants, and Defendants' legal					
13	representatives, assignees, and successors. Also excluded are the judge to whom this case, any					
14	member of the judge's immediate family, and the courtroom staff.					
15	48. The Classes are so numerous that joinder of all members is impracticable. On					
16	information and belief, the Classes have more than 10,000 members. Moreover, the disposition of the					
17	claims of the Classes in a single action will provide substantial benefits to all parties and the Court.					
18	49. There are numerous questions of law and fact common to Plaintiff and members of the					
19	Classes. These common questions of law and fact include, but are not limited to, the following:					
20	a. The true nature of the ingredients in the Products;					
21	b. Whether the marketing, advertising, packaging, labeling, and other promotional					
22	materials for the Products are deceptive;					
23	c. Whether Defendants' actions violate California's Unfair Competition Law,					
24	Business and Professions Code §17200, et seq. (the "UCL");					
25	d. Whether Defendants' actions violate California's False Advertising Law,					
26	Business and Professions Code §17500, et seq. (the "FAL");					
27	e. Whether Defendants' actions violate California's Consumers Legal Remedies					
28	Act, Civil Code §1750, et seq. (the "CLRA");					
	12					

1f.Whether Defendants were Unjustly Enriched at the expense of the Plaintiff and2Class Members; and

3

g. Whether Defendants Breached an Express Warranty to Plaintiff.

50. Plaintiff's claims are typical of the claims of the Classes. Plaintiff's claims, like the
claims of the Classes, arise out of the same common course of conduct by Defendants and are based
on the same legal and remedial theories.

7 51. Plaintiff will fairly and adequately protect the interests of the Classes. Plaintiff has
8 retained competent and capable attorneys with significant experience and complex and class action
9 litigation, including consumer class actions. Plaintiff and his counsel are committed to prosecuting
10 this action vigorously on behalf of the Classes and have the financial resources to do so. Neither
11 Plaintiff nor his counsel has interests that are contrary to or that conflict with those of the proposed
12 Classes.

52. Defendants have engaged in a common course of conduct toward Plaintiff and
 members of the Classes. The common issues arising from this conduct that affect Plaintiff and
 members of the Classes predominate over any individual issues. Adjudication of these common issues
 in a single action has important and desirable advantages of judicial economy.

53. A class action is the superior method for the fair and efficient adjudication of this 17 controversy. Class-wide relief is necessary to compel Defendants to keep such adulterated and 18 misbranded products out of the market and to compensate those who have mislead into purchase of the 19 Product. The interests of individual members of the Classes in individually controlling the prosecution 20 of separate claims against Defendants are small because the damages in an individual action are small. 21 Management of these claims is likely to present significantly fewer difficulties than are presented in 22 many class claims because Defendants acted or failed to act on grounds generally applicable to the 23 Classes. Class treatment is superior to multiple individual suits or piecemeal litigation because it 24 conserves judicial resources, promotes consistency and efficiency of adjudication, provides a forum 25 for small claimants, and deters illegal activities. There will be no significant difficulty in the 26 management of this case as a class action. 27

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54. Defendants have acted on grounds generally applicable to the Classes, thereby making

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final injunctive relief and corresponding declaratory relief with respect to the Class appropriate on a 1 class wide basis. 2 FIRST CAUSE OF ACTION 3 Violation of the California Consumers Legal Remedies Act, Cal. Civ. Code §1750, et. seq. 4 (On Behalf of the California Subclass Members) 5 55. Plaintiff incorporates all preceding factual allegations as if fully set forth herein. 6 Plaintiff and each member of the Class is a "consumer" as that term is defined by Cal. 56. 7 Civ. Code § 1761(d). 8 57. The Products are "goods" as that term is defined by Cal. Civ. Code § 1761(a). 9 58. Defendants are "persons" as defined by Cal. Civ. Code § 1761(c). 10 59. Plaintiff's purchase of the Products are "transactions" as defined by Cal. Civ. Code § 11 1761(e). 12 60. Plaintiff and members of the Class are consumers who purchased the Products for 13 personal use within the applicable statute of limitations period. 14 61. Plaintiff has standing to pursue this cause of action because Plaintiffs have suffered 15 injury-in-fact and has lost money or property as a result of Defendants' actions as set forth here. 16 62. Plaintiff and Class members purchased the Products in reliance on Defendants' labeling 17 and marketing claims. 18 63. Defendants' practices constitute violations of Cal. Civ. Code § 1770 in at least the 19 following respects: 20 a. in violation of \$1770(a)(2), Defendants misrepresented the source of the 21 Products (containing L-Arginine, Taurine, and L-Glutamine when they did not); 22 b. in violation of \$1770(a)(5), Defendants represented that the Products have 23 characteristics, ingredients, and benefits (containing L-Arginine, Taurine, and L-Glutamine) which 24 they do not have (because they do not contain these free-form amino acids); 25 C. in violation of \$1770(a)(7), Defendants represented that the Products are of a 26 particular standard, quality or grade (containing L-Arginine, Taurine, and L-Glutamine) when they are 27 of another (do not contain these free-form amino acids); 28 14

#### Case 1:15-cv-00744-AWI-SAB Document 1 Filed 05/14/15 Page 15 of 21

d. in violation of §1770(a)(9), Defendants have advertised the Products
 (containing L-Arginine, Taurine, and L-Glutamine) with the intent not to sell them as advertised (not
 containing these free-form amino acids); and

e. in violation of §1770(a)(16), Defendants represented that the Products have
been supplied in accordance with previous representations (containing L-Arginine, Taurine, and LGlutamine), when they were not (not containing these free-form amino acids).

7 64. Defendants knew or should have known that their representations of fact are material
8 and likely to mislead consumers.

9 65. Defendants' practices, acts, and course of conduct in marketing and selling the Products
10 are likely to mislead a reasonable consumer acting reasonably under the circumstances to his or her
11 detriment. Like Plaintiff, members of the Class would not have purchased the Products had they
12 known the true nature of the Products.

13 66. Plaintiff and members of the Class have been directly and proximately damaged by
14 Defendants' actions.

15 67. In conjunction with filing this Complaint, Plaintiff's Counsel mailed to Defendants, by
16 certified mail, return receipt requested, the written notice required by Civil Code §1782(a). Should
17 Defendants fail to respond within thirty days of receipt, Plaintiff will amend this Complaint to seek
18 damages under the CLRA.

19 68. Defendants have engaged in, and continue to engage in, business practices in violation
20 of the CLRA by continuing to make false and misleading representations on their labeling of the
21 Products.

22 69. These business practices are misleading and/or likely to mislead consumers and should
23 be enjoined.

24

27

28

#### **SECOND CAUSE OF ACTION**

# Violation of the California False Advertising Law, Cal. Bus. & Prof. Code § 17500, *et seq.* (On Behalf of the California Subclass Members)

70. Plaintiff incorporates all preceding factual allegations as if fully set forth herein.

71. Plaintiff and the Class have standing to pursue a cause of action under the FAL because

#### Case 1:15-cv-00744-AWI-SAB Document 1 Filed 05/14/15 Page 16 of 21 Plaintiff and members of the Class have suffered an injury-in-fact and lost money as a result of 1 Defendants' actions as set forth herein. 2 72. Defendants advertised, marketed, and otherwise disseminated misleading information 3 to the public through the product labels. 4 73. Defendants continue to disseminate such statements. 5 74. Defendants' statements are misleading. 6 75. Defendants know that these statements are misleading, or could have discovered their 7 misleading nature with the exercise of reasonable care. 8 76. Plaintiff and Class members relied on Defendants' marketing and labeling. 9 77. Defendants' actions violate the FAL. 10 78. As a direct and proximate result of Defendants' actions, as set forth herein, Defendants 11 have received ill-gotten gains and/or profits, including but not limited to money from Plaintiff and 12 Class members who paid for the Products. Therefore, Defendants have been unjustly enriched. 13 79. Plaintiff and Class members seek injunctive relief, restitution, and disgorgement of 14 Defendants' ill-gotten gains as provided for by Cal. Bus. & Prof. Code §17535. 15 80. Plaintiff and Class members seek injunctive relief to compel Defendants from 16 continuing to engage in these wrongful practices in the future. No other adequate remedy at law exists. 17 If an injunction is not ordered, Plaintiff and Class members will suffer irreparable harm and/or injury. 18 **THIRD CAUSE OF ACTION** 19 Violation of the California Unfair Competition Law, Cal. Bus. & Prof. Code § 17200, et seq. 20 (On Behalf of the California Subclass Members) 21 81. Plaintiff incorporates all preceding factual allegations as if fully set forth herein. 22 82. Plaintiff and the Class have standing to pursue a cause of action for unfair competition 23 under the UCL because Plaintiff and members of the Class have suffered an injury-in-fact and lost 24 money as a result of Defendants' actions as set forth herein. 25 83. Defendants' conduct is unfair in that it in that it offends established public policy 26 and/or is immoral, unethical, oppressive, unscrupulous, and/or substantially injurious to Plaintiff and 27 Class members. The harm to Plaintiff and Class members arising from Defendants' conduct 28 16

#### Case 1:15-cv-00744-AWI-SAB Document 1 Filed 05/14/15 Page 17 of 21

outweighs any legitimate benefit Defendant derived from the conduct. Defendants' conduct
 undermines and violates the stated spirit and policies underlying the CLRA, FAL, and federal laws and
 regulations as alleged herein.

4 84. Defendants' conduct is unlawful in that it violates California's Sherman Food Drug &
5 Cosmetic Act, the FAL, and the CLRA, and have failed to properly label the Products in accordance
6 with 21 C.F.R. 101, *et seq*.

7 85. Defendants' actions and practices constitute "fraudulent" business practices in violation
8 of the UCL because, among other things, they are likely to deceive reasonable consumers. Plaintiff
9 relied on Defendants' representations and omissions.

10 86. Defendants' actions have caused economic injury to Plaintiffs and Class members.
11 Plaintiff and Class members would not have purchased the Products had they known the true nature of
12 the Products.

87. Pursuant to Bus. & Prof. Code §17203, Plaintiff and Class members seek an injunction
enjoining Defendants from continuing to market, advertise, and sell the Products without first
complying with federal and state law and to prevent Defendants from continuing to engage in unfair
competition or any other act prohibited by law.

17 88. Plaintiff and Class members also seek an order requiring Defendants to make full
18 restitution and disgorgement of their ill-gotten gains of all money wrongfully obtained from Plaintiff
19 and Class members as permitted by Bus. & Prof. Code §17203.

FOURTH CAUSE OF ACTION 20 **Unjust Enrichment** 21 (On Behalf of the Classes) 22 89. Plaintiff incorporates all preceding factual allegations as if fully set forth herein. 23 90. Plaintiff and Class Members conferred benefits on Defendants by purchasing the 24 Products. 25 91. Defendants have been unjustly enriched in retaining the revenues derived from Plaintiff 26 and Class Members' purchases of the Products. Retention of those monies under these circumstances 27 is unjust and inequitable because Defendants' labeling of the Products was misleading to consumers, 28 17

#### Case 1:15-cv-00744-AWI-SAB Document 1 Filed 05/14/15 Page 18 of 21 which caused injuries to Plaintiff and Class Members because they would have not purchased the 1 Products, or would not have paid as much for them, if the true facts would have been known. 2 92. Because Defendants' retention of the non-gratuitous benefits conferred on them by 3 Plaintiff and Class Members is unjust and inequitable, Defendants must pay restitution to Plaintiff and 4 the Class Members for their unjust enrichment, as ordered by the Court. 5 **FIFTH CAUSE OF ACTION** 6 **Breach of Express Warranty** 7 (On Behalf of the Classes) 8 94. Plaintiff incorporates all preceding factual allegations as if fully set forth herein. 9 95. Plaintiff and each member of the Classes formed a contract with Defendants at the time 10 Plaintiff and the other Class members purchased the Products. The terms of the contract includes the 11 promises and affirmations of fact made by Defendants on the Products' packaging and through 12 marketing and advertising, as described above. This labeling, marketing, and advertising constituted 13 express warranties and became part of the basis of bargain, and are part of the standardized contract 14 between Plaintiff and the members of the Classes and Defendants. 15 96.

96. Defendants purport through its advertising, labeling, marketing, and packaging to create
an express warranty that the Products contained specific amounts and effects of the "Glutamine" and
"NO" Complexes.

19 97. Plaintiff and the Classes performed all conditions precedent to Defendants' liability
20 under this contract when they purchased the Products.

98. Defendants breached express warranties about the Products and their qualities because
Defendants' statements about the Products were false and the Products do not conform to Defendants'
affirmations and promises described above. Plaintiff and the Class Members would not have
purchased the Products had they known the true nature of the Products' ingredients and what the
Products did and did not contain.

99. As a result of Defendants' breach of warranty, Plaintiff and Class Members have been
damaged in the amount of the purchase price of the Products and any consequential damages resulting
from their purchases.

	Case 1:	15-cv-00744-AWI-SAB Document 1 Filed 05/14/15 Page 19 of 21					
1	PRAYER FOR RELIEF						
2	Plaintiff requests the following relief:						
3	А.	Certification of the proposed National Class;					
4	B.	Certification of the proposed California Subclass;					
5	C.	Appointment of Plaintiff as class representative;					
6	D.	Appointment of the undersigned counsel as counsel for the Classes;					
7	E.	A declaration that Defendants' actions complained of herein violate the California					
8		consumer protection statutes;					
9	F.	A declaration that Defendants were unjustly enriched;					
10	G.	A declaration that Defendants breached an express warranty to Plaintiff;					
11							
12							
13							
14		gotten gains of all money wrongfully obtained from Plaintiff and Class members;					
15	К.	Damages in the amount of the purchase price of the Products and any consequential					
16		damages resulting from the purchases by the Plaintiff and Class members.					
17	L. An award to Plaintiff and the Classes of attorneys' fees and costs, as allowed by law						
18		and/or equity;					
19	M.	Leave to amend this Complaint to conform to the evidence presented at trial; and					
20	N.	Orders granting such other and further relief as the Court deems necessary, just, and					
21		proper.					
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		19					
		CLASS ACTION COMPLAINT					

	Case 1:15-cv-00744-AWI-SAB Document 1 Filed 05/14/15 Page 20 of 21				
1	JURY DEMAND				
2	Plaintiff demands a trial by jury for all issues so triable.				
3					
4	Dated: May 14, 2015 Respectfully submitted,				
5	AHDOOT & WOLFSON, PC				
6	- thelp				
7	Tina Wolfson				
-	1016 Palm Avenue				
8	West Hollywood, CA 90069 Tel: (310) 474-9111				
9	Fax: (310) 474-8585				
10	Email: twolfson@ahdootwolfson.com				
11	Nick Suciu III ( <i>Pro Hac Vice</i> Application Forthcoming)				
12	<b>BARBAT, MANSOUR &amp; SUCIU PLLC</b> 434 West Alexandrine #101				
13	Detroit, MI 48201				
	Tel: (313) 303-3472 Email: nicksuciu@bmslawyers.com				
14					
15	Joseph J. Siprut SIPRUT PC				
16	17 North State Street, Suite 1600				
17	Chicago, Illinois 60602 312.236.0000				
18	Fax: 312.878.1342				
19	Email: jsiprut@siprut.com				
20	Counsel for Plaintiff, Todd Smith				
21					
22					
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	20				
	CLASS ACTION COMPLAINT				

#### AFFIDAVIT OF TINA WOLFSON

I, Tina Wolfson, declare as follows:

I am an attorney with the law firm of Ahdoot & Wolfson, PC, counsel for Plaintiff
 Todd Smith ("Plaintiff") in this action. I am admitted to practice law in California and before this
 Court, and am a member in good standing of the State Bar of California. This declaration is made
 pursuant to California Civil Code section 1780(d). I make this declaration based on my research of
 public records and upon personal knowledge and, if called upon to do so, could and would testify
 competently thereto.

9 2. Based on my research and personal knowledge, Defendants Allmax Nutrition, Inc. and
10 HBS International Corp. ("Defendants") market and distribute their Products for sale to consumers
11 within the County of Fresno and Plaintiff purchased Defendants' products within the County of
12 Fresno, as alleged in the Class Action Complaint.

I declare under penalty of perjury under the laws of the United States and the State of
California this 14th day of May, 2015 in West Hollywood, California that the foregoing is true and
correct.

Tina Wolfson

Case 1:15-cv-00744-AWI-SAB Document 1-1 Filed 05/14/15 Page 1 of 17

# **EXHIBIT** A



Phone: (949) 419-0288 | Fax: (949) 419-0294 www.chromadex.com

## **Process Report**

Ö.

Customer:	Barbat, Mansour & Suciu PLLC	Report Number:	CDXA-PR-161-00
Address (City, State):	Detroit, MI	Project Number:	ORD68440
Purchase Order:	N/A	Date Received:	22-Sep-14
Date of Report:	23-Oct-14	Test Location:	Boulder, CO
Assay:	Analysis of Allmax Nutrition PLLC	Isoflex Sample from Ba	arbat, Mansour & Suciu

PRJ-CONSOL-RPT; CDA-00100666-ATR; CDA-00100140-ARS; CDA-00100197-ATR Part Number:

Prepared By:	Sylesh Venkataraman, Ph.D	23-Oct-14	
	Sr. Director, Laboratory	Date	
<b>Reviewed By:</b>	Aron Erickson	23-Oct-14	
-	Director, Laboratory Operations	Date	
Approved By:	Digitally signed by Sarah Garthe DN: cn=Sarah Garthe, c=ChromaDex Analytics, ou=Quality Assurance, email=Sarah Gechromadex.com, c=US Date: 2014.10.23 17:14:57-06'00'	23-Oct-14	
	Quality Assurance	Date	

Signed original on file at CDXA

### SUMMARY

#### ABSTRACT

The Sample was received from Barbat, Mansour & Suciu PLLC for a multitude of analyses.

1) Allmax Nutrition Isoflex (Lot#18414; ChromaDex sample# CDXA-14-5818)

#### INTRODUCTION

The sample from Barbat, Mansour & Suciu PLLC was analyzed for Free and Total amino acid content and Taurine content.

#### DISCUSSION

A summary of the results are included below in Table 1. Table 2 lists the individual amino acids from the total and free amino acids analyses.

#### Table 1; CDXA-14-5818

Analysis	CDXA-14-5818 (mg/serving 30g)		
Total Amino acids	27334		
Total Free Amino acids	ND		
Total Bound Amino acids	27334		
Taurine	BRL		

Analyte	Units	-CDXA-14-581 Total Amino Acids	Free Amino Acids	Bound Amino acids
Aspartic acid	mg/serving	3060	ND	3060
Glutamic acid	mg/serving	4830	ND	4830
Serine	mg/serving	1290	ND	1290
Histidine	mg/serving	417	ND	417
Glycine	mg/serving	468	ND	468
Threonine	mg/serving	1950	ND	1950
Arginine	mg/serving	615	ND	615
Alanine	mg/serving	1400	ND	1400
Tyrosine	mg/serving	801	ND	801
Cystine	mg/serving	747	ND	747
Valine	mg/serving	1520	ND	1520
Methionine	mg/serving	579	ND	579
Phenylalanine	mg/serving	807	ND	807
Isoleucine	mg/serving	1780	ND	1780
Leucine	mg/serving	2900	ND	2900
Lysine	mg/serving	2550	ND	2550
Proline	mg/serving	1620	ND	1620
Asparagine	mg/serving		ND	
Glutamine	mg/serving		ND	
Tryptophan	mg/serving		ND	
Hydroxyproline	mg/serving		ND	
Total	mg/serving	27334		27334
Serving Size = 30 g				

#### 

#### REFERENCES •

- 1) CDXA-ATR-6678-00; Amino acids Base Panel of 21
- 2) CDXA-ATR-6643-00; Taurine by HPLC
- 3) Sub12; Report# 1090276-0 Total Amino acids by Profile by HPLC

#### **REVISION HISTORY**

Revision Number Document/Changes

00 New report



## **Analytical Test Report**

Customer:	Barbat, Mansour & Suciu PLLC	Report Number	: CDXA-ATR-6643-00
Address (City, State):	Detroit, MI	Project Number	r: ORD68440
Purchase Order:	Not Provided	Date Received:	22-Sep-14
Date of Report:	02-Oct-14	Test Location:	Boulder, CO
Assay:	Taurine by HPLC		
Part Number:	CDA-00100197-ATR		
Prepared By:	Hadi Cassier		02-Oct-14
	Analyst II		Date
<b>Reviewed By:</b>	Kristie Kokeny Quality Assurance		02-Oct-14
Approved By:	Richard Vigil Manager, Analytical Services		02-Oct-14 Date
	Manayer, Analytical Cervices		

Signed original on file at CDXA

### SUMMARY

#### • SAMPLE(S)

· · · · · · · · · · · · · · · · · · ·	Lot #	CDXA #
Allmax Nutrition Isoflex	18414	CDXA-14-5818
• RESULTS		
Table 1	– CDXA-14-5818	

Analyte	Units	Spec.	Result	Reporting Limit
Taurine	mg/serving		BRL	41

Serving Size = 30 g

### ANALYTICAL METHOD

• STANDARD(S) All standards supplied by ChromaDex, unless otherwise specified.

Part # ASB-00020056

#### LABORATORY SUPPLIES

Taurine

Analytical Balance Ultrasonication Bath Assorted and Volumetric glassware Syringes and Syringe Filters HPLC/GC glass vials and caps

#### SOLVENTS AND REAGENTS

Milli-Q Water Methanol (MeOH) Acetonitrile (ACN) Ammonium Formate Formic Acid

#### SOLUTION PREPARATION

#### Mobile Phase A - 10 mM Ammonium Formate (aq) pH= 4.0

The mobile phase A was prepared by weighing 630 mg of ammonium formate into a 1000 mL volumetric flask, and adding 900 mL of  $H_2O$ . The solution was stirred until the solid dissolved. The solution was diluted to volume with  $H_2O$  and adjusted the pH to 4.0 with formic acid.

#### Diluent - 50:50 (MeOH: H2O)

Diluent was prepared by mixing 500 mL of H<sub>2</sub>O and 500 mL of MeOH.

#### • STANDARD PREPARATION

#### **Taurine Standard Solution**

Weighed approximately 11 mg of standard into a 10 mL volumetric flask, diluted to volume with diluent and sonicated 5 minutes until dissolved. Prepared 5 linearity standards from this stock.

#### • SAMPLE PREPARATION

The sample was prepared by weighing approximately 1000 mg into 25mL volumetric flask. The flask was brought to volume with diluent and then sonicated for 20 minutes. An aliquot of each sample was filtered through a 0.45  $\mu$ m PTFE filter into a HPLC vial for analysis.

#### • INSTRUMENT PARAMETERS

Instrument Detection	Agilent 1100 Series HPLC System CAD			
Mobile Phase A Mobile Phase B	10 mM Ammon ACN	ium For	mate (aq)	pH= 4.0
Gradient Program	Time (min) 0 5 20 22 25	%A 20 20 50 20 20	%B 80 80 50 80 80	
Column Flow Rate Temperature Injection Volume	Se-Quant ZIC-I 1.0 mL/min 25 ∘C 3 µL	HILIC, 1	50 x 4.6 r	mm, 5 µm particle size

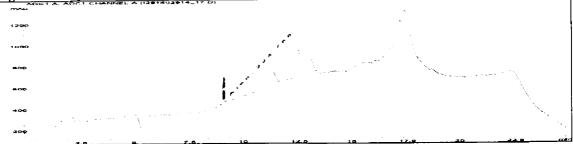
#### DATA

#### • FIGURES

#### Figure 1: Taurine Standard

	TA: ADGT CHANNEL & (IB\$1449914_09 P)	
1200		
1990		
<b></b>		
600		
400		• • ,
200	10	, and a

#### Figure 2: Sample CDXA-14-5818



#### REFERENCES

Analytical Method: 99.1-CDXA-2.0-000320 "Taurine by HPLC"

Laboratory Notebook	Page(s)
403	005

#### REVISION HISTORY

Revision NumberDocument/Changes00New Report



Phone: (949) 419-0288 | Fax: (949) 419-0294

## **Analytical Test Report**

Customer:	Barbat, Mansour & Suciu PLLC	Report Number:	CDXA-ATR-6678-00
Address (City, State):	Detroit, Mi	Project Number:	ORD68440
Purchase Order:	Not Provided	Date Received:	22-Sep-14
Date of Report:	08-Oct-14	Test Location:	Boulder, CO

Amino Acids Base Panel of 21 by HPLC Assay: CDA-00100666-ATR Part Number:

08-Oct-14 Prepared By: Devon Cruz Date Chemist 08-Oct-14 **Reviewed By:** Hadi Cassier Date Analyst II 08-Oct-14 Approved By: Kristie Kokeny Date Quality Assurance

Signed original on file at CDXA

#### SUMMARY

• SAMPLE(S)

	Lot #	CDXA #
Allmax Nutrition Isoflex	18414	CDXA-14-5818

#### RESULTS

Table 1 CDXA-14-5818				
Analyte	Units	Spec	Result	Reporting Limit
Aspartic acid	mg/serving		ND	150
Glutamic acid	mg/serving		ND	160
Serine	mg/serving		ND	120
Histidine	mg/serving		ND	170
Glycine	mg/serving		ND	81
Threonine	mg/serving		ND	130
Arginine	mg/serving		ND	190
Alanine	mg/serving		ND	97
Tyrosine	mg/serving		ND	200
Cystine	mg/serving		ND	260
Valine	mg/serving		ND	130
Methionine	mg/serving		ND	170
Phenylalanine	mg/serving		ND	180
Isoleucine	mg/serving		ND	150
Leucine	mg/serving		ND	150
Lysine	mg/serving		ND	160
Proline	mg/serving		ND	230
Asparagine	mg/serving		ND	44
Glutamine	mg/serving		ND	44
Tryptophan	mg/serving		ND	43
Hydroxyproline	mg/serving		ND	45

Serving Size = 30 g

ND - Not detected above reporting Limit

BRL – Below reporting limit (compound detected below RL)

### ANALYTICAL METHOD

STANDARD(S) All standards supplied by ChromaDex, unless otherwise specified.

Ready to Inject Amino Acid Mix Norvaline Hydroxyproline Asparagine Glutamine Tryptophan Part/Lot # Agilent-5061-3330 Agilent-BCBL0180V Agilent-BCBK363V ASB-00011043 Agilent-BCBK3328V Agilent-BCBB7661

#### LABORATORY SUPPLIES

Analytical Balance Ultrasonication Bath Assorted and Volumetric glassware Syringes and Syringe Filters HPLC glass vials and caps

#### SOLVENTS AND REAGENTS

Milli-Q Water Methanol (MeOH) Sodium Phosphate, dibasic (Na<sub>2</sub>HPO<sub>4</sub>) 2 N KOH Acetonitrile (ACN) Hydrochloric acid (HCI) OPA (o-phthalaldehyde) – Derivatization reagent for primary amino acids FMOC (9-fluorenyl-methyl chloroformate) – Derivatization reagent for secondary amino acids Borate buffer (0.4N in water) Phosphoric Acid (H<sub>3</sub>PO<sub>4</sub>)

#### • SOLUTION PREPARATION

#### Diluent – 0.1 N HCl

The diluent was prepared by transferring 8.4 mL of HCl to a 1000 mL volumetric flask and diluting it to volume with water.

#### Mobile Phase A - 10 mM Na<sub>2</sub>HPO<sub>4</sub>, 10 mM Na<sub>2</sub>B<sub>4</sub>O<sub>7</sub> pH= 8.2

Solution was prepared by adding 1.4 g Na<sub>2</sub>HPO<sub>4</sub> and 3.8 g of Na<sub>2</sub>B<sub>4</sub>O<sub>7</sub> to 1000 mL of water and stirring until completely dissolved. The pH was adjusted to 8.4 with 1.2 ml of HCI, followed by drop-wise addition of HCI until the pH was 8.2.

#### Mobile Phase B - 45:45:10 ACN-MeOH-Water

Solution was prepared by combining 450 mL Acetonitrile, 450 mL Methanol, and 100 mL Milli-Q water and mixing well.

#### Injection diluent

Add 40 ul of concentrated H<sub>3</sub>PO<sub>4</sub> to 10 ml of water

#### • STANDARD PREPARATION

Amino Acid Mix A Stock Standard – Includes the Amino Acids Alanine, Arginine, Aspartic Acid, Cystine, Glutamic Acid, Glycine, Histidine, Isoleucine, Leucine, Lysine, Methionine, Phenylalanine, Proline, Serine, Threonine, Tyrosine, and Valine

A mixed amino acid standard containing 17 amino acids was purchased from Agilent and arrived in 0.1N HCI. Calibration standards were then prepared from this mixed stock by diluting with 0.1 N HCI.

# Supplemental mixed standard- Asparagine, Glutamine, Tryptophan, and Hydroxyproline

Mixed standard solution was prepared by weighing approximately 5 mg of Asparagine into a 50 mL volumetric flask. An aliquot of Glutamine, Tryptophan, and Hydroxyproline were added to the volumetric flask. 50 mL of diluent were added, and the flask was sonicated for 30 minutes.

#### **Internal Standard**

Solution was prepared by weighing 50 mg of Norvaline into a 50 mL volumetric flask. Brought to volume with diluent and mixed well.

#### • SAMPLE PREPARATION

#### **Sample Preparation**

Sample was prepared by weighing ~700 mg of sample into a 50 mL volumetric flask. 50 mL of diluent were added, and the solution was sonicated for 30 minutes. The solution was diluted 10x with diluent. The solution was then filtered. 900  $\mu$ L of filtrate were combined with 100  $\mu$ L of IS and mixed well.

#### INSTRUMENT PARAMETERS

Instrument	Agilent 1100 Series HPLC System			
Detection	UV-Vis			
Mobile Phase A	10 mM Na₂B₄O⁊ pH= 8.2			
Mobile Phase B	45:45:10 ACN-MeOH-Water			
Gradient Program	Time (min)	%A	%B	
	0.0	98	2	
	0.5	98	2	
	20.0	43	57	
	20.1	0	100	
	23.5	0	100	
	23.6	98	2	
	25	98	2	
Column Flow Rate	Agilent Zorbax 1.5 mL/min	Eclipse	e Plus C18 RR, 150 x 4.6mm, 3.5 μm	
Detectior Settings:	OPA Amino Acio FMOC-Amino A		<i>UV Detection</i> 338 nm, 10 nm bandwidth (bw) Reference 390, 20 262 nm, 16 nm bw Reference 324, 8	
Injection Volume Column Temperature	Injector Prograi 40 ºC	m		

Autosampler Injector Set-Up and Program:

Draw speed: 200 µL/min Eject speed: 200uL/min Draw Position: 0.0 mm Equilibration Time 2.0 sec

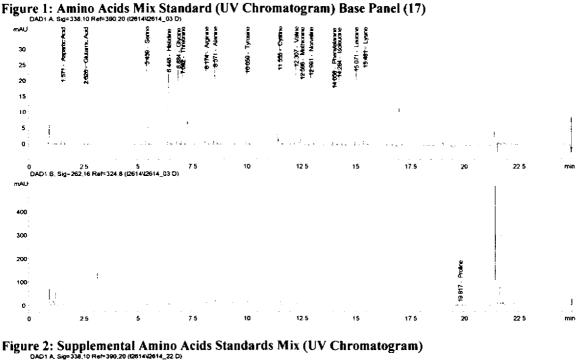
Vial 1 = Borate Buffer (HPLC vial, screw-cap) Vial 2 = Injection Diluent Vial 3 = OPA (GC vial w/ insert, crimp-cap) Vial 4 = FMOC (GC vial w/ insert, crimp-cap) Vial 5 = Water (HPLC vial, no cap) Vial 6 = Water (HPLC vial, no cap) Vial 7 = Acetonitrile (HPLC vial, no cap)

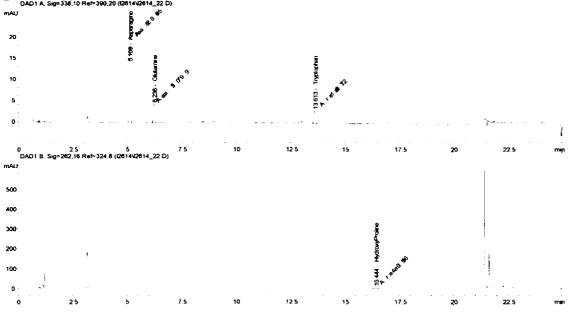
#### Row Action

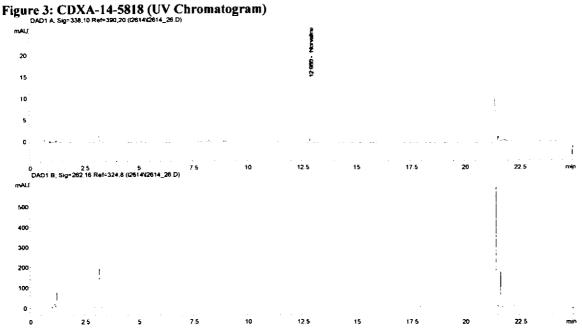
- 1 Needle wash in Vial 6, 1 times
- 2 Needle wash in Vial 5, 1 times
- 3 Needle wash in Vial 7, 1 times
- 4 Draw 2.5 µL from Vial 1 def. speed, def. offset
- 5 Draw 1.0 µL from Sample, def. speed, def. offset
- 6 Mix 3.5 μL "in seat", max. speed, 5 times
- 7 Wait 0.20 minutes
- 8 Draw 1.0 µL from Vial 3
- 9 Mix 4.5 µL in seat, max. speed, 10 times
- 10 Wait 1.00 min
- 11 Draw 0.4 µL from Vial 4 def. speed, def. offset
- 12 Mix 4.9 µL in seat, max. speed, 10 times
- 13 Wait 1.00 min
- 14 Draw 32. µL from Vial 2 def. speed, def. offset
- 15 Mix 36.9 µL in seat, max. speed, 8 times
- 16 Inject
- 17 Wait 0.20 min
- 18 Valve bypass

#### DATA

#### • FIGURES







#### REFERENCES .

Analytical Method: 99.1-CD-5.0-000186 "Amino Acids by Pre-Column Derivitization HPLC."

Laboratory Notebook	Page(s)
385	145
362	156
402	6

#### **REVISION HISTORY**

Revision Number	Document/Changes
00	New report

JS 44 (Rev 12/12)		CIVIL C	OVER SHEET		
Ca The JS 44 civil cover sheet and provided by local rules of court purpose of initiating the civil do	<ol> <li>This form, approved by t</li> </ol>	the Judicial Conference of	of the United States in Septer	ed 05/14/15 Page 1 service of pleadings or other papers mber 1974, is required for the use o	Of 2 as required by law, except as f the Clerk of Court for the
I. (a) PLAINTIFFS TODD SMITH, individual	ly and on behalf of all	others similarly situ	ated, DEFENDA ALLMAX NUT Canadian cor	RITION, INC.; and HBS INT	ERNATIONAL CORP.,
(b) County of Residence of	f First Listed Plaintiff F	resno	County of Resi	dence of First Listed Defendant	
(E	XCEPT IN U.S. PLAINTIFF CA		NOTE: DUIA	(IN U.S. PLAINTIFF CASES	
			NOTE: IN LA THE 1	ND CONDEMNATION CASES, USE 1 TACT OF LAND INVOLVED	THE LOCATION OF
(c) Attorneys (Firm Name, J Tina Wolfson, Ahdoot & V 1016 Palm Avenue, Wes T: 310-474-9111; F: 310-	Wolfson, PC t Hollywood, California	a 90069	Attorneys (If K	nown)	
II. BASIS OF JURISDI	CTION (Place an "X" in C	One Box Only)		OF PRINCIPAL PARTIES	
□ 1 US Government Plaintiff	□ 3 Federal Question (U.S. Government)	Not a Party)	(For Diversity Cases) Citizen of This State	PTF DEF X 1	
□ 2 US Government	X 4 Diversity		Citizen of Another State	of Business In	Principal Place 🛛 5 🗇 5
Defendant	(Indicate Citizensh	hip of Parties in Item III)	Citizen er Sykiest of a		Another State
			Citizen or Subject of a Foreign Country	□ 3 🗙 3 Foreign Nation	
IV. NATURE OF SUIT		nly) DRTS	FORFEITURE/PENA	LTY BANKRUPTCY	OTHER STATUTES
□ 110 Insurance	PERSONAL INJURY	PERSONAL INJUR			□ 375 False Claims Act
<ul> <li>120 Marine</li> <li>130 Miller Act</li> </ul>	<ul> <li>310 Airplane</li> <li>315 Airplane Product</li> </ul>	365 Personal Injury - Product Liability	of Property 21 USC		<ul> <li>400 State Reapportionment</li> <li>410 Antitrust</li> </ul>
140 Negotiable Instrument	Liability	□ 367 Health Care/	D 090 Oller		430 Banks and Banking
150 Recovery of Overpayment & Enforcement of Judgment	□ 320 Assault, Libel & Slander	Pharmaceutical Personal Injury		■ PROPERTY RIGHTS ■ 820 Copyrights	□ 450 Commerce □ 460 Deportation
151 Medicare Act	330 Federal Employers'	Product Liability		830 Patent	□ 470 Racketeer Influenced and
152 Recovery of Defaulted Student Loans	Liability 340 Marine	368 Asbestos Personal Injury Product		□ 840 Trademark	Corrupt Organizations 480 Consumer Credit
(Excludes Veterans)	345 Marine Product	Liability	LABOR	SOCIAL SECURITY	□ 490 Cable/Sat TV
153 Recovery of Overpayment of Veteran's Benefits	Liability 350 Motor Vehicle	PERSONAL PROPER 370 Other Fraud	RTY □ 710 Fair Labor Standard Act	is □ 861 HIA (1395ff) □ 862 Black Lung (923)	<ul> <li>850 Securities/Commodities/ Exchange</li> </ul>
160 Stockholders' Suits	355 Motor Vehicle	371 Truth in Lending	□ 720 Labor/Management	□ 863 DIWC/DIWW (405(g))	890 Other Statutory Actions
<ul> <li>190 Other Contract</li> <li>195 Contract Product Liability</li> </ul>	Product Liability 360 Other Personal	380 Other Personal Property Damage	Relations <ul> <li>740 Railway Labor Act</li> </ul>	<ul> <li>864 SSID Title XVI</li> <li>865 RSI (405(g))</li> </ul>	<ul> <li>891 Agricultural Acts</li> <li>893 Environmental Matters</li> </ul>
□ 196 Franchise	Injury	□ 385 Property Damage			□ 895 Freedom of Information
	362 Personal Injury - Medical Malpractice	Product Liability	Leave Act 790 Other Labor Litigat	ion	Act 896 Arbitration
REAL PROPERTY	CIVIL RIGHTS	PRISONER PETITION			□ 899 Administrative Procedure
210 Land Condemnation	□ 440 Other Civil Rights	Habeas Corpus:	Income Security Ac	-	Act/Review or Appeal of
<ul> <li>220 Foreclosure</li> <li>230 Rent Lease &amp; Ejectment</li> </ul>	<ul> <li>441 Voting</li> <li>442 Employment</li> </ul>	<ul> <li>463 Alien Detainee</li> <li>510 Motions to Vacate</li> </ul>		or Defendant) \$71 IRS—Third Party	Agency Decision 950 Constitutionality of
□ 240 Torts to Land	443 Housing/	Sentence		26 USC 7609	State Statutes
<ul> <li>245 Tort Product Liability</li> <li>290 All Other Real Property</li> </ul>	Accommodations 445 Amer w/Disabilities -	<ul> <li>530 General</li> <li>535 Death Penalty</li> </ul>	IMMIGRATION		
D 290 An Ould Real Hoperty	Employment	Other:	□ 462 Naturalization Appl	lication	
	446 Amer w/Disabilities - Other	<ul> <li>540 Mandamus &amp; Oth</li> <li>550 Civil Rights</li> </ul>	er 🛛 465 Other Immigration Actions		
	□ 448 Education	□ 555 Prison Condition	Actions		
		560 Civil Detainee - Conditions of			
		Confinement			
V. ORIGIN (Place an "X" in					
	ate Court	Appellate Court	Reopened A	Transferred from Another District <i>Specify</i> )	
	28 U.S.C. Section	atute under which you a n 1391(b)(2)	re filing (Do not cite jurisdiction	nal statutes unless diversity):	
VI. CAUSE OF ACTIO	<b>DN</b> Brief description of ca	ause:	ranty related to mislabe	ling of free-form amino acid	content
VII. REQUESTED IN COMPLAINT:	CHECK IF THIS UNDER RULE 2	S IS A CLASS ACTION 23, F.R.Cv.P.	N <b>DEMAND \$</b> 5,000,000.00	CHECK YES only JURY DEMAND	y if demanded in complaint: D: XI Yes □ No
VIII. RELATED CASI IF ANY	E(S) (See instructions):	JUDGE		DOCKET NUMBER	
DATE		SIGNATURE OF AT	TORNEY OF RECORD		
05/14/2015		/s/ Tina Wolfso			
FOR OFFICE USE ONLY					
RECEIPT # AN	MOUNT	APPLYING IFP	JUE	MAG JU	JDGE
Print	Save As				Reset

#### Case 1:15-cv-00744-AWI-SAB Document 1-2 Filed 05/14/15 Page 2 of 2 INSTRUCTIONS FOR ATTORNEYS COMPLETING CIVIL COVER SHEET FORM JS 44

#### Authority For Civil Cover Sheet

The JS 44 civil cover sheet and the information contained herein neither replaces nor supplements the filings and service of pleading or other papers as required by law, except as provided by local rules of court. This form, approved by the Judicial Conference of the United States in September 1974, is required for the use of the Clerk of Court for the purpose of initiating the civil docket sheet. Consequently, a civil cover sheet is submitted to the Clerk of Court for each civil complaint filed. The attorney filing a case should complete the form as follows:

- **I.(a) Plaintiffs-Defendants.** Enter names (last, first, middle initial) of plaintiff and defendant. If the plaintiff or defendant is a government agency, use only the full name or standard abbreviations. If the plaintiff or defendant is an official within a government agency, identify first the agency and then the official, giving both name and title.
- (b) County of Residence. For each civil case filed, except U.S. plaintiff cases, enter the name of the county where the first listed plaintiff resides at the time of filing. In U.S. plaintiff cases, enter the name of the county in which the first listed defendant resides at the time of filing. (NOTE: In land condemnation cases, the county of residence of the "defendant" is the location of the tract of land involved.)
- (c) Attorneys. Enter the firm name, address, telephone number, and attorney of record. If there are several attorneys, list them on an attachment, noting in this section "(see attachment)".

II. Jurisdiction. The basis of jurisdiction is set forth under Rule 8(a), F.R.Cv.P., which requires that jurisdictions be shown in pleadings. Place an "X" in one of the boxes. If there is more than one basis of jurisdiction, precedence is given in the order shown below. United States plaintiff. (1) Jurisdiction based on 28 U.S.C. 1345 and 1348. Suits by agencies and officers of the United States are included here. United States defendant. (2) When the plaintiff is suing the United States, its officers or agencies, place an "X" in this box.

Federal question. (3) This refers to suits under 28 U.S.C. 1331, where jurisdiction arises under the Constitution of the United States, an amendment to the Constitution, an act of Congress or a treaty of the United States. In cases where the U.S. is a party, the U.S. plaintiff or defendant code takes precedence, and box 1 or 2 should be marked.

Diversity of citizenship. (4) This refers to suits under 28 U.S.C. 1332, where parties are citizens of different states. When Box 4 is checked, the citizenship of the different parties must be checked. (See Section III below; **NOTE: federal question actions take precedence over diversity cases.**)

- **III. Residence (citizenship) of Principal Parties.** This section of the JS 44 is to be completed if diversity of citizenship was indicated above. Mark this section for each principal party.
- **IV.** Nature of Suit. Place an "X" in the appropriate box. If the nature of suit cannot be determined, be sure the cause of action, in Section VI below, is sufficient to enable the deputy clerk or the statistical clerk(s) in the Administrative Office to determine the nature of suit. If the cause fits more than one nature of suit, select the most definitive.
- V. Origin. Place an "X" in one of the six boxes.

Original Proceedings. (1) Cases which originate in the United States district courts.

Removed from State Court. (2) Proceedings initiated in state courts may be removed to the district courts under Title 28 U.S.C., Section 1441. When the petition for removal is granted, check this box.

Remanded from Appellate Court. (3) Check this box for cases remanded to the district court for further action. Use the date of remand as the filing date.

Reinstated or Reopened. (4) Check this box for cases reinstated or reopened in the district court. Use the reopening date as the filing date. Transferred from Another District. (5) For cases transferred under Title 28 U.S.C. Section 1404(a). Do not use this for within district transfers or multidistrict litigation transfers.

Multidistrict Litigation. (6) Check this box when a multidistrict case is transferred into the district under authority of Title 28 U.S.C. Section 1407. When this box is checked, do not check (5) above.

- VI. Cause of Action. Report the civil statute directly related to the cause of action and give a brief description of the cause. Do not cite jurisdictional statutes unless diversity. Example: U.S. Civil Statute: 47 USC 553 Brief Description: Unauthorized reception of cable service
- VII. Requested in Complaint. Class Action. Place an "X" in this box if you are filing a class action under Rule 23, F.R.Cv.P. Demand. In this space enter the actual dollar amount being demanded or indicate other demand, such as a preliminary injunction. Jury Demand. Check the appropriate box to indicate whether or not a jury is being demanded.
- VIII. Related Cases. This section of the JS 44 is used to reference related pending cases, if any. If there are related pending cases, insert the docket numbers and the corresponding judge names for such cases.

Date and Attorney Signature. Date and sign the civil cover sheet.