



Statement on Heavy Metal Testing

We require lab assays from all of our ingredient suppliers to ensure that all of our products meet and exceed all established federal safety standards for heavy metals.

In addition, we do spot testing on lots from time to time, as an added layer of testing.

Attached are result(s) from past spot lot testing. As with any natural product, levels will vary from batch to batch, so these result(s) are intended to provide the consumer a sample of past results rather than the exact results for any specific batch.

CONTINUE TO THE 3rd PARTY LAB RESULTS ON PAGE 2



8969 Cleveland Road Clayton, NC 27520
 Phone: (919) 989-7793 Fax: (919) 989-9226
 Email: NCLab@advancedlabsinc.com
 FDA Registration #14353128308

Test Certificate

Description: Perfect Bone Broth
 Sample ID: L119011001A
 Lot No:
 Location:
 Received: 1/17/2022
 Completed: 1/24/2022

Client: Paul Morelli
 Perfect Supplements
 P.O. Box 60070
 Florence, MA 01062

Lab No: 115250-01

Analysis	Result	Per Unit	Method
‡Mercury	0.033	mcg/11g	ICP-MS USP <730>
‡Lead	0.099	mcg/11g	ICP-MS USP <730>
‡Arsenic	0.165	mcg/11g	ICP-MS USP <730>
‡Cadmium	0.011	mcg/11g	ICP-MS USP <730>

THESE RESULTS APPLY ONLY TO THE SAMPLE SUBMITTED AND NOT TO THE PRODUCT FROM WHICH IT WAS TAKEN. THESE RESULTS ARE PROVIDED ONLY FOR THE BENEFIT OF CLIENT, WITHOUT REPRESENTATION OR WARRANTY OF ANY KIND, EXCEPT FOR THE EXPRESS LIMITED WARRANTY PROVIDED SOLELY TO CLIENT IN ADVANCED LABORATORIES' TERMS OF SERVICE.

THIS CERTIFICATE SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL FROM ADVANCED LABORATORIES.

Results Approved By: Taylor Johnson
 Taylor Johnson-Laboratory Technician

Dated: 1/24/2022

Tests marked with ‡ were done at Advanced Laboratories, Inc. - 40 W Louise Ave, Salt Lake City, UT 84115

Printed: 1/24/2022 4:23:44 PM





8969 Cleveland Road, Clayton, NC 27520
 Phone: 919-989-7793 Fax: 919-989-9226
 Email: nclab@advancedlabsinc.com
FDA Registration #2000040668

If you liked our service, please tell a friend. If you didn't, please tell us!

Test Certificate

Description: Bone Broth
 Sample ID: t819912003
 Lot No:
 Part Code:
 Location:
 PO No: Check 2631

Client: Paul Morelli
 Perfect Supplements
 P.O. Box 325
 Coventry, RI 02816

Lab No: 76152-01

Analysis	Result	Per Unit	Method
*Mercury	0.003	ppm	ICP-MS USP <730>
*Lead	0.003	ppm	ICP-MS USP <730>
*Arsenic	0.047	ppm	ICP-MS USP <730>
*Cadmium	0.007	ppm	ICP-MS USP <730>
†Isoflavones	<0.001	mg/g	HPLC
*Calories	360	cal/100g	Calculation
*Calories from Fat	10.40	cal/100g	AOAC
* Total Carbohydrate	<0.01	g/100g	AOAC 979.06
* Total Fat	1.16	g/100g	AOAC 991.36
† Total Protein	91.40	g/100g	AOAC 990.03
*Ash	5.27	g/100g	AOAC 942.05
*Moisture	2.60	g/100g	AOAC 930.15

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Results Approved By: Monika Kowal

Tests marked with * were done at Advanced Laboratories, Inc. - 40 W Louise Ave, Salt Lake City, UT 84115
 Tests marked with † were done at Atlas Bioscience Labs, LLC, a joint venture with Advanced Laboratories. - 1775 S. Pantano Rd - Ste #110, Tucson, AZ 85710



Test Certificate

Description: Bone Broth
Sample ID: t819912003
Lot No:
Part Code:
Location:
PO No: Check 2631

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Perfect Supplements
P.O. Box 325
Coventry, RI 02816

Lab No: 76152-01

Analysis	Result	Per Unit	Method
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Protein (Kjeldahl) Elemental nitrogen content determined by Kjeldahl digestion analysis performed on two grams sample in a digestion tube with 12-15 ml of concentrated sulfuric acid (H₂SO₄). Seven grams of potassium sulfate (K₂SO₄) and a metallic copper catalyst added. The digestion tube placed into a digestion block and heated to boiling for one hour at 370°F to 400°F. Ammonia distillation performed and ammonia collected by absorption onto a solution of 4% boric acid; resultant ammonium borate titrated with 0.1N hydrochloric acid in the presence of mixed indicator, (bromocresol green / methyl red). Percent nitrogen: % N = $14.01 \times [(ml \text{ titrant} - ml \text{ blank}) - (N \text{ of titrant}) \times 100] / \text{Sample Wt. (grams)} \times 1000$. Authentic reference materials obtained from Sigma-Aldrich.

Soy Isoflavone analysis performed using HPLC by methodology adapted from Griffith, A.P., Collison, M.W., "Improved Methods for the Extraction and Analysis of Isoflavones from Soy-Containing Foods and Nutritional Supplements by Reversed-Phase High-Performance Liquid Chromatography and Liquid Chromatography–Mass Spectrometry," as published in Journal of Chromatography A, 913 (2001) 397–413; utilizing acetonitrile extraction without acidification, with apigenin as internal standard, samples in acetonitrile–water are diluted to 50% acetonitrile and directly injected on Symmetry C18 3• m (150x4.6mm) column eluted with a gradient mobile phase of 95% water (pH3.5 with H₃PO₄) 5% acetonitrile, changing linearly in 30 min. to 30% water (pH3.5 with H₃PO₄) 70% acetonitrile. Detection by photodiode array, scanning 200-400nm with quantification at 245nm. Authentic reference materials obtained from Indofine Chemicals and Sigma-Aldrich

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Results Approved By:

