



Send To: C0077307

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| Result | COMPLETE | Report Date | 01-FEB-2012 |
|-----------------|--------------------------|-------------|-------------|
| Customer Name | Biopharma Scientific LLC | | |
| Tested To | NSF/ANSI 173 | | |
| Description | NanoEPA | | |
| Test Type | Test Only | | |
| Job Number | J-00108807 | | |
| Project Number | 9126290 (CL02, ML02) | | |
| Project Manager | Lindsay Bartlein | | |

Thank you for having your product tested by NSF International.

Please contact your Project Manager if you have any questions or concerns pertaining to this report.

Report Authorization

Kurt Kneen - Director, Chemistry Lab

Date

01-FEB-2012



General Information

Standard: NSF/ANSI 173
Test Description: NSF Test Only
Trade Designation / Product ID: NanoEPA

This finished product was evaluated per category "Finished products containing botanical ingredients - non-extract" for microbial contaminants as stated in Standard NSF/ANSI 173 for Dietary Supplements.

Sample Id: S-0000876175
Description: NanoEPA
Sampled Date: 01/18/2012
Received Date: 01/18/2012

| Testing Parameter | Result | Units | Label Claim Value | Units | Accept. Level | P / F |
|--|----------|------------|-------------------|------------|---------------|-------|
| General Information | | | | | | |
| * Std 454 Dietary Supplements LAB SUM TEST Code | | | | | | |
| Mass per serving | 5.2222 | grams | | | | |
| Servings per daily dose | 1 | | | | | |
| Lot Number | MEFL4-12 | | | | | |
| Contaminants | | | | | | |
| Lead in Solids by ICPMS, Low Detection Level | | | | | | |
| Lead | ND(0.04) | ug/day | | | 20 ug/day | |
| Cadmium in Solids by ICPMS, Low Detection Level | | | | | | |
| Cadmium | ND(0.02) | ug/day | | | 6 ug/day | |
| Total Chromium in Solids by ICPMS, Low Detection Level | | | | | | |
| Chromium (Total) | ND(0.04) | ug/day | | | 20 ug/day | |
| Arsenic in Solids by ICPMS, Low Detection Level | | | | | | |
| Arsenic | ND(0.08) | ug/day | | | 10 ug/day | |
| Mercury in Solids by ICPMS, Low Detection Level | | | | | | |
| Mercury | ND(0.01) | ug/day | | | 20 ug/day | |
| Label Verification | | | | | | |
| * Total Vitamin E by HPLC | | | | | | |
| Total Vitamin E | 26 | mg/serving | 16 | mg/serving | | |
| Note: [C1042/1] | | | | | | |
| All Vitamin E related componenets as determined by the UV spectra were quantitated versus alpha tocopherol and the total was reported. This sample contains a mixture of tocopherols and tocotrienols per the product label. | | | | | | |
| * Vitamin A Assay (as trans-Retinol) by HPLC | | | | | | |
| trans-Retinol | 97.7 | IU/serving | | | | |
| Note: [C4404/1] | | | | | | |
| The variation of the method was determined to be +/-15%. Testing was performed by an approved NSF International subcontract laboratory. | | | | | | |
| * Vitamin D3 Assay by HPLC | | | | | | |
| Cholecalciferol | 664 | IU/serving | | | | |
| Note: [C4407/1] | | | | | | |
| Testing was performed by an approved NSF International subcontract laboratory. | | | | | | |
| * Gluten Allergen by ELISA | | | | | | |
| Gluten | ND(5) | ppm | | | | |
| Note: [M0204/1] | | | | | | |
| Standard solutions containing gliadin were run and verified concurrently with the test samples according to the test kit manufacturer's instructions. | | | | | | |



References to Testing Procedures:

| NSF Reference | Parameter / Test Description |
|----------------------|--|
| C1032 | * Std 454 Dietary Supplements LAB SUM TEST Code |
| C1042 | * Total Vitamin E by HPLC |
| C4404 | * Vitamin A Assay (as trans-Retinol) by HPLC |
| C4407 | * Vitamin D3 Assay by HPLC |
| C4604 | Lead in Solids by ICPMS, Low Detection Level |
| C6503 | Cadmium in Solids by ICPMS, Low Detection Level |
| C6504 | Total Chromium in Solids by ICPMS, Low Detection Level |
| C6505 | Arsenic in Solids by ICPMS, Low Detection Level |
| C6506 | Mercury in Solids by ICPMS, Low Detection Level |
| M0204 | * Gluten Allergen by ELISA |

Test descriptions preceded by an asterisk "*" indicate that testing has been performed per NSF International requirements but is not within its scope of accreditation.