



Taiyo is a pioneer in the research and manufacture of functional ingredients for the food, beverage, medical food and pharmaceutical industries. Taiyo focuses on the development of innovative ingredients, derived from natural sources, to further develop the body's ability to protect and manage one's health.

[www.taiyointernational.com](http://www.taiyointernational.com)

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## SunActive®

*Stability • Palatability • Tolerability • Bioavailability*

The SunActive series offers unique fortification and dispersion of functional ingredients with no off flavor or instability. SunActive offers sustained release that is mild on the gastrointestinal system, has an improved absorption and is stable against heat, salt, pH and oxidation. SunActive series includes Iron, Calcium, Zinc, Coenzyme Q10, Astaxanthin, Lutein, DHA and Resveratrol.

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## SunAmla™

*The Ayurvedic Superfruit!*

SunAmla, produced by a water extraction of the Indian Gooseberry, is the perfect Superfruit for use in dietary supplements, nutritional bars, beverages, powder drink mixes, cereals, jams, yogurt and dairy products. SunAmla packs a potent punch of polyphenols and antioxidants together with a distinctively mild astringent flavor.

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## Sunfiber®

*Invisible Fiber - Visible Benefits*

[www.sunfiber.com](http://www.sunfiber.com)

Sunfiber is an all natural, galactomannan based soluble fiber made from hydrolyzed guar gum. Tasteless, colorless and odorless, Sunfiber has no visible effect on your product but significantly boosts its health benefits and improves functionality in foods and beverages. It delivers high soluble fiber content with low caloric contribution (1.9 kcal/gram) and exhibits excellent stability. Sunfiber is a true regulating fiber that not only helps with constipation, but uniquely helps with diarrhea as well, returning stool content to a normal healthy state without the typical bloating, cramping and gas production of other fibers. Sunfiber is 100% Gluten Free, GRAS (self affirmation), non-GMO, certified Kosher and HALAL.

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## Sunphenon®

*The Award-winning line of standardized green tea ingredients*

[www.sunphenon.com](http://www.sunphenon.com)

The Sunphenon® series consists of standardized tea polyphenols and natural catechins that have been shown to have numerous physiological benefits, including antioxidant, anti-microbial, deodorant and thermogenic activities. Sunphenon® is produced from pesticide controlled green tea leaf, extracted via a water infusion process and decaffeinated using only approved food grade solvents. Sunphenon® extracts comply with the strict U.S. FDA pesticide regulations for tea.

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## Suntheanine®

*The award-winning, patented dietary ingredient for stress and well being.*

[www.suntheanine.com](http://www.suntheanine.com)

Taiyo's exclusive brand of pure L-theanine, the award-winning, patented amino acid for stress, mental relaxation and focus without drowsiness. Suntheanine® is GRAS (GRN 000209), non-GMO and certified Kosher.

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## TAIYO INTERNATIONAL, INC.

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# Product List – 2013

Date: July 1, 2013

<input type="checkbox"/>	SunActive AX-DG 01	Astaxanthin (3.5%) – Water Dispersible Emulsified Liquid	Soft gel caps and RTD Beverages.
<input type="checkbox"/>	SunActive AX-PG 01	Astaxanthin (2%) – Water Dispersible Powder	Foods, instant powder beverages and supplements
<input type="checkbox"/>	SunActive DHA-DG 02	DHA (23%) – Water Dispersible Emulsified Liquid	Soft gel caps and RTD supplement beverages.
<input type="checkbox"/>	SunActive Fe-P80GK	85.0 ± 5.0 mg/g iron content	Water dispersible iron delivery system for use in RTD's
<input type="checkbox"/>	SunActive Fe-P80LK	85.0 ± 5.0 mg/g iron content	Iron delivery system for use in foods, instant powder beverages and supplements
<input type="checkbox"/>	SunActive LT-DG 01	Lutein Esters (1.6%) – Water Dispersible Emulsified Liquid	Soft gel caps and RTD Beverages
<input type="checkbox"/>	SunActive LT-PG 01	Lutein Esters (8%) – Water Dispersible Powder	Foods, instant powder beverages and supplements
<input type="checkbox"/>	SunActive Q10-DG 01	Coenzyme Q10 (10%) – Water Dispersible Emulsified Liquid	Soft gel caps and RTD supplement beverages.
<input type="checkbox"/>	SunActive Q10-E	Coenzyme Q10 (10%) – Water Dispersible Powder	Foods, instant powder beverages and supplements
<input type="checkbox"/>	SunActive RV-LUS 02	Resveratrol (0.4%) – Water Dispersible Emulsified Liquid	RTD beverages.
<input type="checkbox"/>	SunActive Zn-P240	250.0 ± 25.0 mg/g zinc content	Zinc delivery system for foods, beverages and supplements
<input type="checkbox"/>	SunAmla PD-1	> 50% Amla extract (Indian Gooseberry)	Rich in antioxidants, polyphenols and gallic acid. For use in beverages, instant powders and supplements.
<input type="checkbox"/>	SunAmla 100	100% Amla powder (Indian Gooseberry)	Rich in antioxidants, polyphenols and gallic acid. For use in bars, cereals, smoothies and supplements.
<input type="checkbox"/>	Sunfiber R	>85% soluble fiber – regular grade	Regular grade for foods, beverages and supplements.
<input type="checkbox"/>	Sunfiber AG	>85% soluble fiber – agglomerated	Instant solubility in liquid applications
<input type="checkbox"/>	Sunfiber+ Agave 40	40% agave inulin + 60% PHGG	Instant solubility in liquid applications
<input type="checkbox"/>	Sunfiber+ Agave 60	60% agave inulin + 40% PHGG	Instant solubility in liquid applications
<input type="checkbox"/>	Sunfiber+ Protein*	Custom soluble fiber and protein extruded chips	Custom blend made to order for use in bars, cereals, and snacks.
<input type="checkbox"/>	Sunfiber+ Calcium*	Custom Sunfiber + Calcium agglomerated powder	Instant solubility in liquid applications
<input type="checkbox"/>	Sunfiber+ Iron*	Custom Sunfiber + Iron agglomerated powder	Instant solubility in liquid applications
<input type="checkbox"/>	Sunfiber+ Zinc*	Custom Sunfiber + Zinc agglomerated powder	Instant solubility in liquid applications
<input type="checkbox"/>	Sunphenon EGCg	EGCg > 94%, caffeine < 0.1%	High-purity decaffeinated EGCg for use in supplements.
<input type="checkbox"/>	Sunphenon XLB100	polyphenols > 80%, catechins > 60%, EGCg > 40%, caffeine < 1%	Decaffeinated gallate-free catechins. Excellent stability and very low astringency for flavor sensitive beverages.
<input type="checkbox"/>	Sunphenon XLB	polyphenols > 80%, catechins > 60%, EGCg > 15%, EGC > 25%, caffeine < 1%	Decaffeinated catechins. Excellent stability and very low astringency for flavor sensitive beverages.
<input type="checkbox"/>	Sunphenon 90LB	polyphenols > 90%, catechins > 80%, EGCg > 40%, caffeine < 1%	Decaffeinated catechins. Excellent tea taste and low astringency. Perfect for beverages.
<input type="checkbox"/>	Sunphenon 90D	polyphenols > 90%, catechins > 80%, EGCg > 45%, caffeine < 1%	Decaffeinated catechins for use in supplements, foods and beverages with or without tea taste or color.
<input type="checkbox"/>	Sunphenon 90M-B	polyphenols > 80%, catechins > 75%, EGCg > 40%, caffeine < 10%	High-purity catechins for use in supplements, foods and beverages with or without tea taste or color.
<input type="checkbox"/>	Sunphenon 70H-T	polyphenols > 70%, catechins > 60%, EGCg > 25%, caffeine: 12.5~20%	Mid-level catechins and natural green tea caffeine for supplements and foods
<input type="checkbox"/>	Sunphenon 30LB-T	polyphenols > 25%, catechins > 15%, caffeine < 1%	Decaffeinated by a solvent-free process. Subtle bitter taste for use in beverages.
<input type="checkbox"/>	Sunphenon 30S-O	polyphenols > 25%, catechins > 15%, caffeine < 10%	Certified Organic. Excellent tea taste with good stability in beverages.
<input type="checkbox"/>	Sunphenon 30R-T	polyphenols > 25%, catechins > 15%, caffeine < 10%	Roasted tea leaf extract for supplements and foods
<input type="checkbox"/>	Sunphenon 30M-B	polyphenols > 25%, catechins > 15%, caffeine < 10%	Mildly bitter standardized extract for supplement and foods
<input type="checkbox"/>	Sunphenon 20-T	polyphenols > 15, caffeine < 10%	Standardized polyphenols for use as a base in beverage, food and supplement formulations.
<input type="checkbox"/>	Sunphenon CF-T	polyphenols > 50%, catechins > 45%, EGCg > 10% EGC > 22%, caffeine > 20%	Natural green tea caffeine, rich in polyphenols, catechins and EGC. For beverage or supplement use.
<input type="checkbox"/>	Sunphenon MRF	polyphenols > 5%, caffeine < 6%, fluoride > 1,200 ppm	Natural green tea fluoride for beverages and supplements
<input type="checkbox"/>	Matcha Powder 101-O	green tea leaf powder, polyphenols > 7%	Organic green tea leaf powder. Fresh taste and vivid green color for use in beverages, dairy or confections.
<input type="checkbox"/>	Suntheanine	> 98% L-theanine GRAS (GRN 000209)	Patented amino acid for stress, mental relaxation and focus without drowsiness

\* Custom blend made to order.