Ingredient solutions for healthier, happier lives.



The power of innovation behind your brands.

INNOMATION







80 countries We source and sell in countries on 6 continents



Family run

Promoting healthier, happier lives across three generations

Over 70 years in the global marketplace.

Located outside of New York, NY in Morristown, New Jersey, PLT Health Solutions works with strategic partners throughout the world to bring the most innovative and effective Ingredients to our global customers.



A purpose-driven business

- Our business is developing ingredient-based solutions that help people live healthier, happier lives
- Our focus on values and delivering value to our customers will always be the foundation of who we are as a company
- ❷ We pursue projects that contribute to sustainability,
 fair trade & protecting the environment











High quality, scientifically backed Ingredient solutions

Making an impact on multiple fronts.

PLT Health Solutions has developed best-in-class capabilities in market research, product innovation, clinical science, and quality systems to deliver Ingredients that drive major consumer brands.

This combination of resources gets results for our customers.



How PLT adds value today





PLT PEOPLE + PLANET™ Initiative

Established to expand our sustainability efforts on behalf of both environmental and human issues – going beyond our everyday activities of promoting human health and wellness













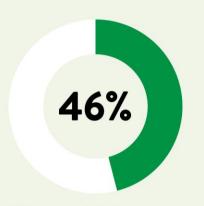
Impact of sustainability on consumer demand

Today's consumers have set the sustainability standard high – there are several factors impacting their decision making





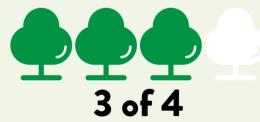
66% of consumers and 80% of young adults (18-34) are willing to pay more for sustainable products compared to less sustainable competitors.



46% say third-party or independent source confirmation is important.



surveyed asserted that clear language on products is important.



sustainable shoppers use labels or third-party certifications to confirm a company or product's sustainability credential.



'Best-in-class' products

Ingredient solutions that are considered performance leaders or that deliver unique value propositions



Joint Health







Weight Management



Xanthigen[®]

Vegetarian Vitamin D





We understand applications & delivery systems and their challenges

Our ingredient development, clinical science, and formulating assistance focuses on helping you deliver the best consumer experience possible.



VIII





Bakery

Beverages

Capsules

Chews







Effervescents



Gummies



Soft Gels



Tablets



Powders



RTDS / Shots



Snacks



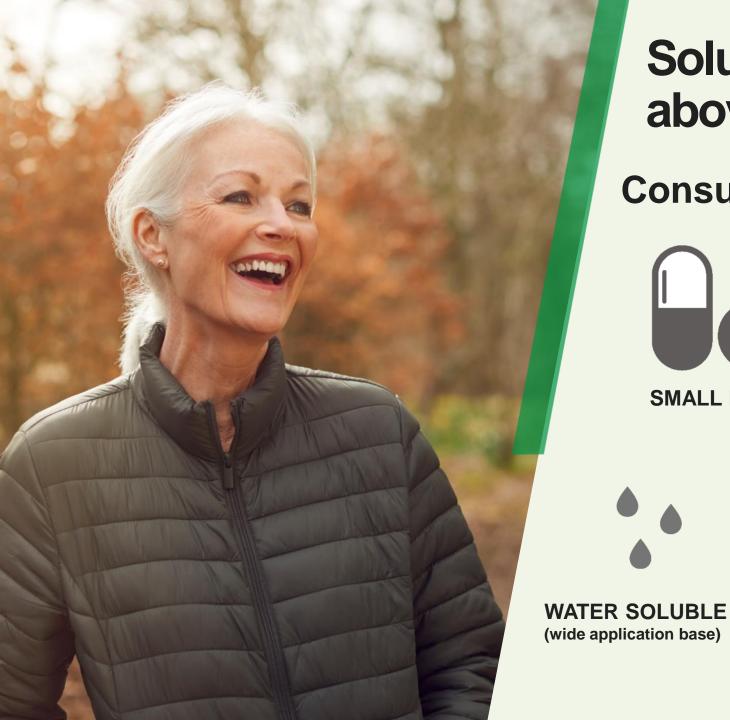
Stick Packs



Plant-based meat



Bars



Solutions that punch above their weight.



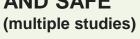
Consumer <u>experience</u> is everything!







WELL TOLERATED AND SAFE

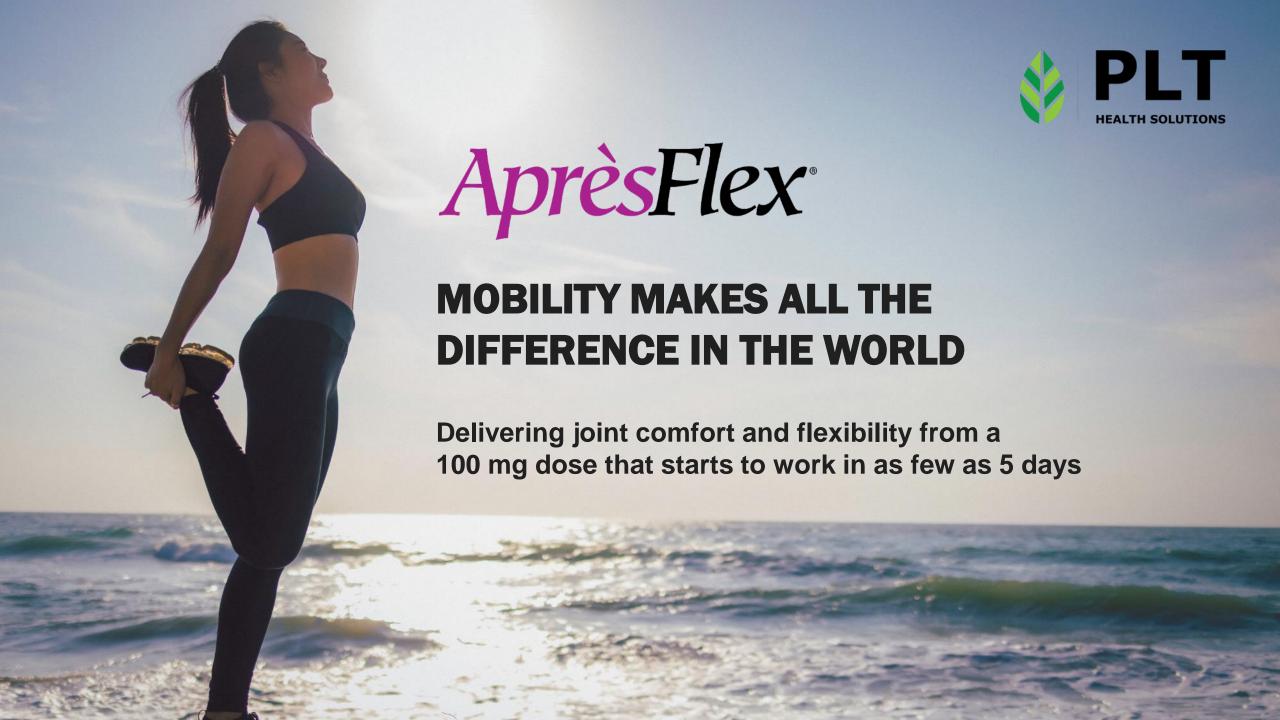




SCIENCE-BACKED

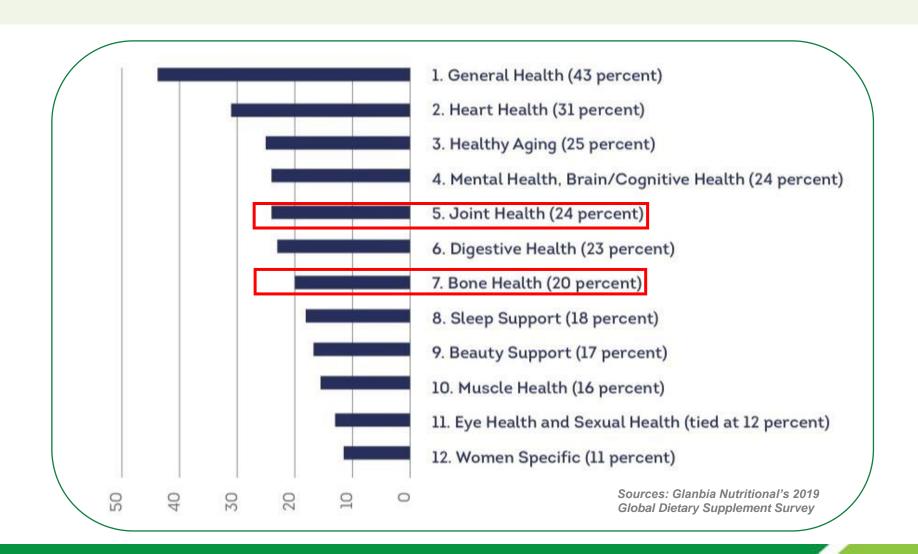


TRANSPARENCY & IDENTITY FROM **SEED-TO-SHELF** (trusted quality)





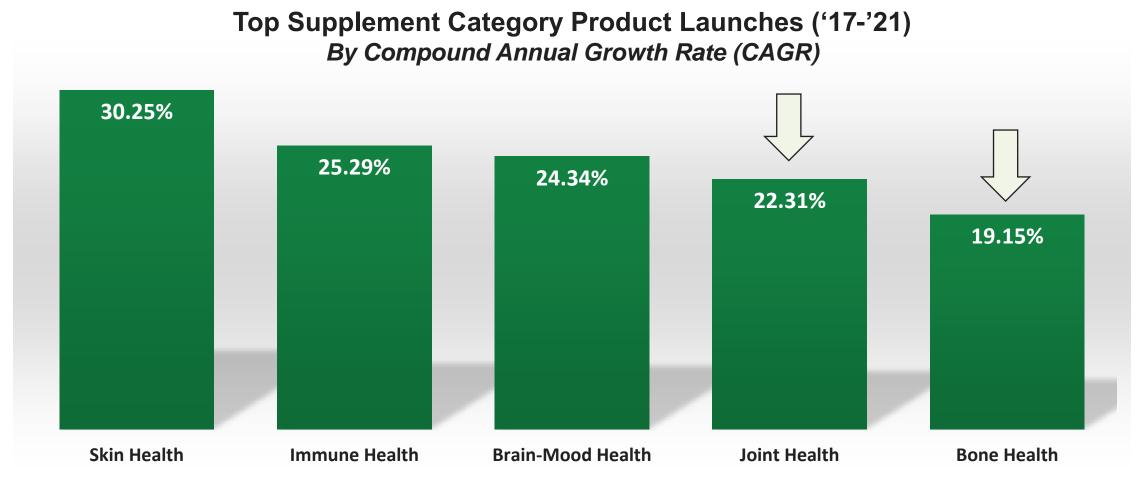
Joint and bone health represent two of the top supplement categories for global consumers





Top health categories by supplement product launches

Of the leading health categories for supplement launches over the last 5 years, joint and bone health are two of the fastest growing (CAGRs of 22.31% and 19.15%)





Joint health ingredients: Changing of the guard

Low dose and time to efficacy are major drivers today

- Glucosamine and chondroitin were called a "falling star" in NBJ's 2020 Condition Specific Report
- Key reasons:
 - Variable efficacy
 - Difficult to formulate into taste sensitive products
- As a result of this shift, joint health brands now benefit from a wider range of formulation options
- Market need: novel, effective ingredients for joint health that are low dose and can be used in a wide span of applications





The shifting consumer demographics in joint health

While the aging population makes up a large part of this market, younger demographics are more focused on mobility and active lifestyle

As baby boomers age, joint health has moved to the forefront of the condition-specific market

- However, <u>recent trends have shown that athletes and younger</u> <u>demographics</u> are looking for a joint health supplement to help maintain their joint health (*Nutritional Outlook*)
- Joint health is becoming a focus now for sports recovery products
- Consumers are becoming more aware of the science behind products and are looking for ingredients that are substantiated by convincing research (*Innova Consumer Survey 2020*)





The joint health (comfort) market

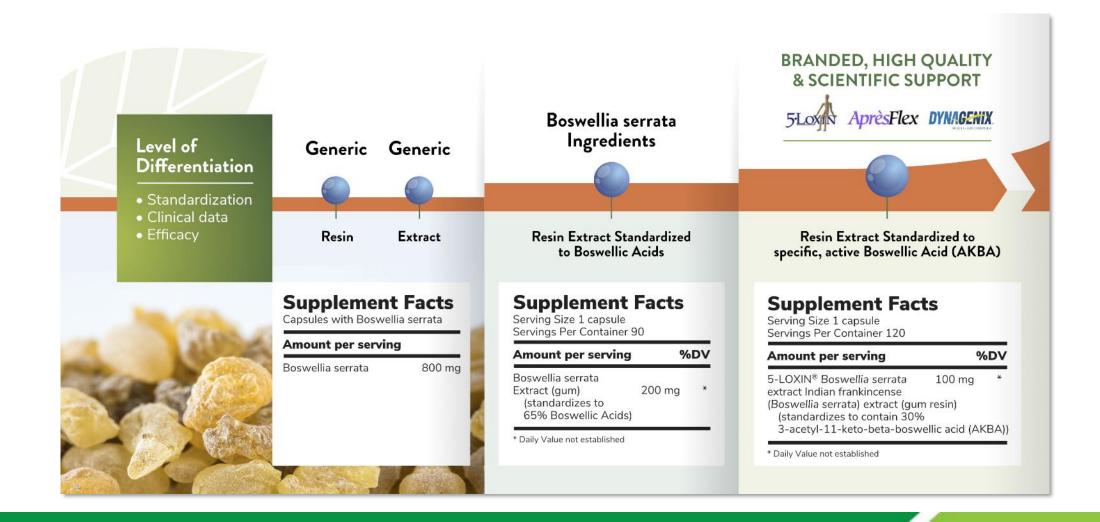
A quick overview and comparison

	Ingredient Class	Time to Efficacy	Types of Claims Being Made
Specialty/Premium	Collagens	2 months	'Joint Health', 'Joint Comfort'
	Boswellia (ApresFlex, 5-LOXIN)	5-7 days	'Promotes Joint Flexibility, Comfort, Movement and Range of Motion'
	Nutrients	2-6 months+	'Joint and Bone Support' 'Promotes Health of Joints
	Pycnogenol	2 months	'Supports Joint Comfort and Mobility
	Eggshell Membrane	7-10 days	'Joint Comfort and Flexibility'
	Ingredient Class		Types of Claims Being Made
Commodity	Glucosamine	1-3 months	Combo products say 'Chondroitin Cushions and Lubricates joints' 'MSM Comforts and Soothes Joints'
	Chondroitin		
	MSM	1-3 months	'Comforts Joints' 'Joint Health' 'Support for Healthy Joints'
	Hyaluronic Acid	2-4 months	'Supports and Lubricates Joints'



The PLT Boswellia Portfolio

Our branded, high quality, and scientifically supported AKBA ingredient solutions are on another level compared to generic material





Mechanisms of action and bioavailability



AprèsFlex® exhibited powerful anti-inflammatory and cartilage protective effects

Mechanism of action research shows that AprèsFlex has:

Superior bioavailability of the active, AKBA

- Peak serum concentration of AKBA was 14% higher
- Overall, a 51.78% greater bioavailability of AKBA

Superior anti-inflammatory activity

- FCA-induced inflammation
- 'Reduction in serum TNF-alpha
- Protection against cytokine-induced death of chondrocytes

Superior **chondroprotection**

- · Recovery from IL-beta-induced inhibition of GAG synthesis
- Inhibition of MMP-3 production

Mol Cell Biochem (2011) 354:189–197 DOI 10.1007/s11010-011-0818-1

Cellular and molecular mechanisms of anti-inflammatory effect of Aflapin: a novel Boswellia serrata extract

Krishanu Sengupta · Jayaprakash N. Kolla · Alluri V. Krishnaraju · Nandini Yalamanchili · Chirravuri V. Rao · Trimurtulu Golakoti · Smriti Raychaudhuri · Siba P. Raychaudhuri



Potential opportunities for clinical messaging



Bringing to market a product with a clinically studied, natural and safe dietary ingredient that targets mediators of joint comfort and flexibility

Rapid Relief, Low Dose

- Advanced formulation clinically demonstrated to deliver benefits AS EARLY AS 5 DAYS*
- Works fast Significantly improves joint COMFORT, STIFFNESS and FUNCTION as early as 5 days*
- POWERFUL support for joint health in a small, easy-to-take LOW DOSE*

Joint Comfort and Mobility

- Clinically demonstrated to improve JOINT COMFORT (as early as 5 days)*
- Potent, clinically studied extract improves JOINT STIFFNESS*
- Clinically studied support for JOINT MOBILITY*

Joint Function and Overall Joint Health

- Clinically demonstrated to deliver improvements in OVERALL JOINT HEALTH*
- Delivers clinically studied support for improvements in JOINT FUNCTION*

Mechanistic Support

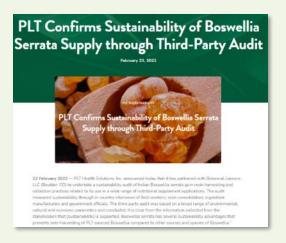
- Advanced formulation with greater bioavailability
- Improves key markers of joint health including TNF-α and CRP*

*These statements are proposed claims that should be vetted by customer's internal Science and Regulatory teams



Sustainability distinguishes our *Boswellia* serrata

Third party audit bolsters our credibility and responds to market sentiment





2022 Botanical Liaisons, LLC <u>3rd party audit</u> measured sustainability through in-country interviews with field workers, resin consolidators, ingredient manufacturers and government officials





AprèsFlex[®]

Mobility makes all the difference in the world

Low-dose, fast-acting, scientifically supported joint health solution





Composition

- ✓ Synergistic composition derived from Boswellia serrata gum resin
 - Multi-patented combination of several proprietary extracts of Boswellia serrata which together deliver enhanced efficacy in a low-dose
 - Standardized to key active compound: Acetyl-11-keto-βboswellic acid (AKBA)



Dosage

- ✓ Clinical efficacy demonstrated for 100 mg/day
- ✓ Available as a powder
- ✓ Applications
 - √ Soft-gels
 - √ Capsules
 - √ Tablets
 - ✓ Powders



Regulatory / IP

- ✓ Pre-DSHEA (sold prior to 1994)
- ✓ Kosher KOA and Halal JUM
- ✓ Master file with Health Canada
- ✓ US Patent # 20040073060
- √ US Patent # 20130084348
- √ US Patent # 20150290270



Why ApresFlex?

- ✓ Subject of 10 pre-clinical and clinical studies to understand mechanism of action and efficacy in supporting joint comfort and mobility
- ✓ Improved joint comfort in just 5 days
- ✓ Sustainable, botanical ingredient



What kind of formulator will buy PLT Boswellia

We look to people who value what we offer – which is a lot!

Big Brand Joint Health

1,2,3,4,6,7

Functional Food Companies 6,7

Traditional Joint Health Big Brand Sports Nutrition 1,2,3,5,6

Physician Brands

2,3,5

Mass Market/ Low Cost

- 1. Wants to develop a market leading brand
- 2. Has the resources to educate & promote
- 3. Is risk averse to quality issues and bad press
- 4. Wants to compete against OTC products
- 5. Is attracted to muscle benefits
- 6. Believes that formulation flexibility and fast results target an expanding demographic
- 7. Interested in sustainability



NIE Awards 2021

AprèsFlex media presence drives brand awareness

A brand that reaches thousands of people a month with top notch publicity



















PLT Joint Health Case Study

Messaging brands are leveraging in the market based on our industry-leading clinicals

CASE STUDY



Case study: Osteo Bi-Flex Joint Health



Delivering on the goal of creating a lifetime's worth of value for customers

PRODUCTS WITH 5-LOXIN® ADVANCED

Osteo



Triple Strength



Triple Strength with Vitamin D

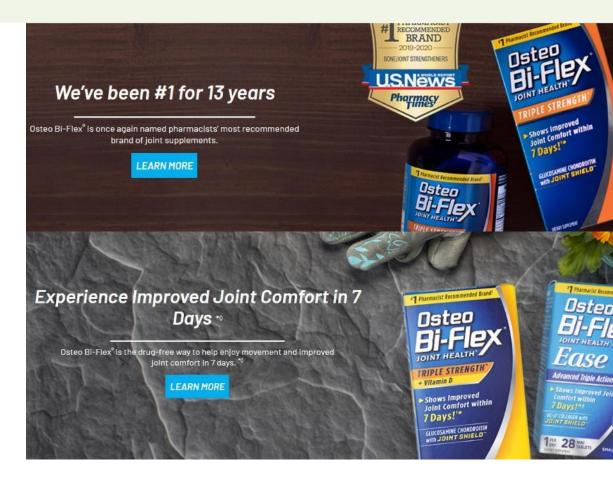
One Per Day





Triple Strength MSM

- 5-Loxin Advanced (ApresFlex) is the main ingredient that powers nearly all of The Bountiful Company's claims
- It is included in the core formula of Osteo Bi-Flex (meaning it is in every single SKU).





Case study: Osteo Bi-Flex Joint Health

Osteo Bi-Flex is packed on major retail shelfs across the United States – a prime spot for consumer recognition







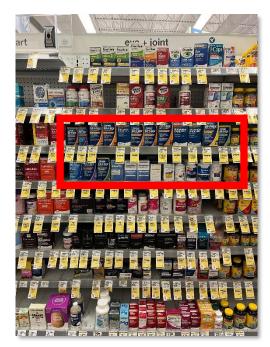








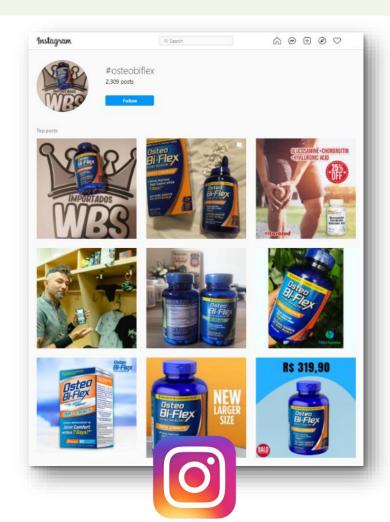
Walgreens





Case study: Osteo Bi-Flex Joint Health

Osteo Bi-Flex has built up top recognition among consumers interested in joint health products – opens the door for exciting promotional opportunities











Case study: Osteo Bi-Flex Joint Health

Consumer testimonials demonstrate the difference AprèsFlex makes in the lives of people each day



★★★★★ Great for arthritis relief!

Reviewed in the United States on October 21, 2022

Size: 28 Count (Pack of 2) Verified Purchase

was able to try this product for 6weeks(free) via a promotion at a sporting event years ago when my PA suggested i stop taking a perscription med...

it helps my pain better than the prescription ever did. my hands & fingers do not ache all night anymore, i am not stiff in the morning and it is 1 small pill a day. Best otc pill ever!!

4 people found this helpful

★★★★★ Lives up to the hype!

Reviewed in the United States on December 5, 2020

Item Package Quantity: 1 | Verified Purchase

This really does work! I'm 61 and walk 1 1/2 miles to work every morning and after just 6 days of Osteo the walk is easier.

★★★★★ Excellent product

Reviewed in the United States on March 28, 2022

Item Package Quantity: 1 | Verified Purchase

This is an excellent product. The pain I Had in my knees is barely noticeable now. This product also contains Magnesium, which is great for preventing nightly muscle spasms, a component you can't find in similar products.

It always arrives as promised.

2 people found this helpful

★★★★ THE BEST JOINT VITAMIN OUT THERE!

Reviewed in the United States on December 27, 2020

Verified Purchase

This is the only brand of a joint vitamin I will take. It clearly helps my knee inflammation! I purposrly went without it for about 2 weeks just to see if I noticed a difference, and let me tell you...I will never go without it again. It really works. Thank you Osteo-BiFlex and Amazon!

*** My Miracle Drug

Reviewed in the United States on August 29, 2020

Verified Purchase

I am reluctant to take supplements but for me Osteo Bi-Flex has been a miracle drug. I had pain and weakness in my hip and leg. I could not walk far without sitting and resting. A friend recommended Osteo Bi-Flex. I began taking one pill in the morning and one at night. By day two I was already feeling some relief. By the end of thirty days I was totally free of pain. I continue to take it morning and night although I no longer experience any pain or weakness. Be aware that Osteo Bi-Flex comes in several varieties -- I take the variety labeled "MSM Formula."

★★★★★ Fantastic!

Reviewed in the United States on December 11, 2019

Verified Purchase

I had very bad knee pain in my left knee and was desperate to find relief. It was impacting my life and movement every day. I had a very sore spot on the inside of my left knee. At the recommendation of a friend, I tried this. After just a few days, I thought my knee was feeling better.

After taking 2 pills each day for seven days, the improvement was remarkable! After just one week, the pain was about 85% better. It continues to improve and I anticipate that my knee will be completely back to normal soon. I highly recommend this product!

41 people found this helpful

★★★★ Works great!

Reviewed in the United States on September 9, 2022

Verified Purchase

I was experiencing some knee pain. Started taking this, noticed improvement within 3 days and pain was completely gone after one w

**** Worked for me

Reviewed in the United States on December 4, 2022

Verified Purchase

I had achy joined and after 5 days I noticed the pain going away

Triple Strength

Great product!

I have been using your product now for over 3 yrs. They have made a huge difference in my knees and joints. I would not go a day without using your products.

- Matilda

One Per Day Inflammatory Response



Miraculous!!!!!

Started to use Daily and feel Much better within 15 days..... Never stop to use it anymore.

- - Luciano

One Per Day



Great Size Tablet

They work great for me and only having to take 1 per day is a big plus too.

- Mary

Triple Strength MSM



What A Great Product!!!

OMG!!! This has been blessing, give it a try, you won't be disappointed.

- Debbie



It Works

IT WORKS/HELPS tremendously...I can tell the difference if I miss a few days!!

-- Tammy



Earthlight®Whole Food Vitamin D

The cleanest label Vitamin D on the market today!





A need across all age groups

Recent analyses of Vitamin D deficiency globally



Palacios C, Gonzalez L. Is vitamin D deficiency a major global public health problem?. *J Steroid Biochem Mol Biol*. 2014;144 Pt A:138-145. doi:10.1016/j.jsbmb.2013.11.003



Amrein, K., Scherkl, M., Hoffmann, M. et al. Vitamin D deficiency 2.0: an update on the current status worldwide. Eur J Clin Nutr 74, 1498–1513 (2020).



Cleveland Clinic Mercy Hospital – 42% Percent of Americans Are Vitamin D Deficient. Are You Among Them?



Different demographics respond to Vitamin D

You have the opportunity to differentiate and personalize

- People with darker skin are at greater risk of vitamin D deficiency
- People who spend a lot of time indoors during the day
- People who cover their skin People who live in the Northern hemisphere
- Older people produce less Vitamin D, have greater rates of deficiency
- Breastfed infants who aren't given a Vitamin D supplement
- Pregnant women have an increased requirement for vitamin D

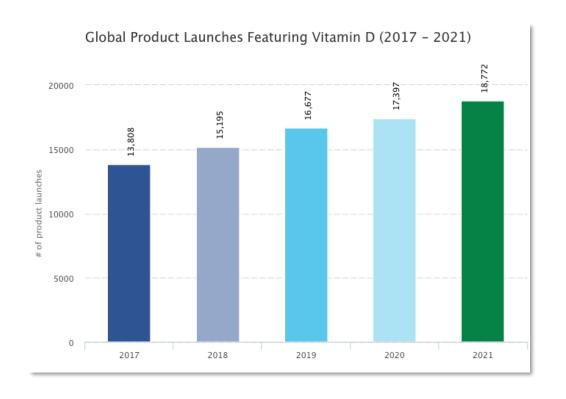




Vitamin D market overview

After sales and usage climbed in 2020, Vitamin D is positioned for continued growth in the years to come

- In line with product launch growth of Vit. D, market forecasters are projecting the overall Vitamin D market to reach \$1.6 billion by 2025 – a CAGR of 7% from '20 - '25
- The Vitamin D2 segment is expected to grow at a higher CAGR than D3 during the forecast period (Markets and Markets)

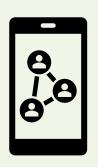


CAGR: 8%



Vitamin D is in the news

Since March of 2020, Vitamin D has been one of the most trending focal points of the media



Public Health England extends Vitamin D supplement advice during lockdown

By Niklu Hancocks (4) coprist is in all a middle of today out a high sale









Study: Vitamin D supplementation a key factor in COVID-19 severity

By MikM Hannarks (* Sepy to the composed on talks you are somewif-









The vitamin D & COVID show: Nutraingredients reveals top 10 stories of 2021





REATED TAGE Top 10 Mitamin d COMD COMD-19.

In a year dominated by COVID-19, the countdown for 2021 has been dominated by stories about the gut, vitamins, minerals and anything else linked to supporting immune health and

'Overwhelming evidence' supports Vitamin D's immune function benefits

Research continues to link vitamin D levels

with better COVID outcomes

0 m 0 m 0

pandemic disease

By Stephen Daniells 2 25-stay-2000 - Lain Ladward an OS-Mig/GEEC at 12:30 GMT.











Vitamin D's immune function benefits f 🔤 📝 in 🖂

'Overwhelming evidence' supports

By Stephen Daniells 2 25-bla-2000 - Lain Undered by 05-blay 2010; no 12:30 SHT.



Congress lauds vitamin D for COVID-19

Resolution advocates new guidance to encourage vitamin D intake, especially among vulnerable populations.

Better messaging needed to improve vitamin D intake in ethnic minorities, says study

'Strong evidence' that low levels of vitamin D are a predictor rather than a side effect of the



Food health experts from the University of Surrey are calling for urgent improvements in public health messaging to address vitamin D deficiency in the UK's ethnic minority

The potential of vitamins D and K2 for the immune system



Research suggests several vitamins and minerals may be linked to helping boost immune health mechanisms.

Trygve Bergeland | Mar 25, 2021



The clean label trend

Consumers are more interested in Vitamin D than ever – but they want more than what the market offers today



2 in 5 consumers globally

are more open to buying products are that developed through plant-based technologies



70% of consumers globally

are likely to seek out products that meet <u>clean</u> <u>label requirements</u>



+93% growth in food & beverage

launches with a <u>plant-based</u> claim

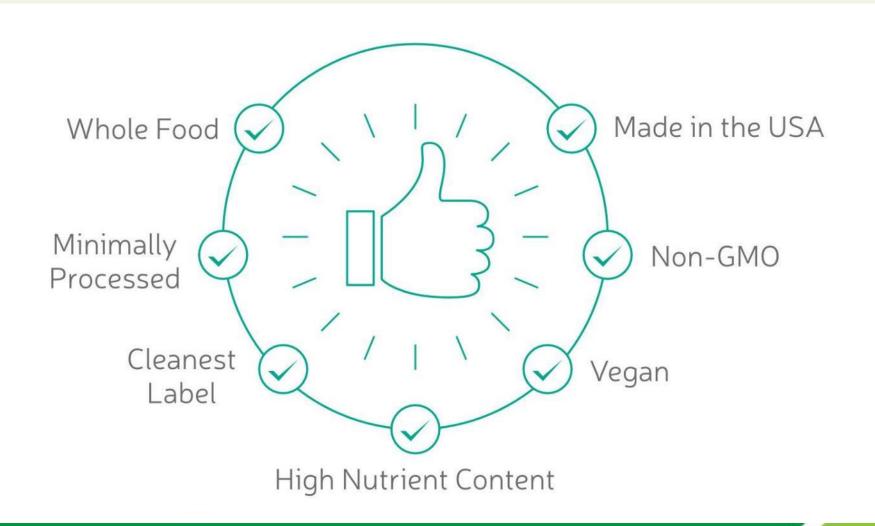
(Global, Nov 2019 to Oct 2020 vs Nov 2020 to Oct 2021)

Source: Innova Market Insights and MannaTree Partners



100% natural and minimally processed

A cost-effective, real vegan, whole food source of Vitamin D





100% natural and minimally processed

How Earthlight® Whole Food Vitamin D is made



Wholesome White Button & Portobello mushrooms are harvested from farms in Pennsylvania.



Mushrooms are blended using an innovative process.



Blended mushrooms are exposed to safe UV light (just like the sun). This dramatically increases Vitamin D content.



The high Vitamin D product is dried and converted into a powder.



The powder undergoes final quality checks, including Vitamin D concentration.







Earthlight Whole Food Vitamin D



This is the *cleanest label* Vitamin D on today's market. The big value proposition is that it is 'whole food' – but it checks every box you want

Food Category	Maximum Level of Vitamin D2	
Breakfast cereals	2.25 μg of vitamin D2/100 g	
Yeast-leavened bread & pastries	2.25 μg of vitamin D2/100 g	
Grain products & pastas	2.25 μg of vitamin D2/100 g	
Fruit juice and fruit/vegetable blend beverages	1.125 μg of vitamin D2/100 mL	
Milk & dairy products (excluding fluid milks)	2.25 μg of vitamin D2/100 g/1.125 μg of vitamin D2/100 mL (beverages)	
Cheese (excluding cottage cheese. ricotta cheese and hard- grating cheeses)	2.25 μg of vitamin D2/100 g	
Meal replacement bars & beverages	2.25 μg of vitamin D2/100 g/1.125 μg of vitamin D2/100 mL (beverages)	
Dairy analogues	2.25 μg of vitamin D2/100 g/1.125 μg of vitamin D2/100 mL (beverages)	
Meat analogues	2.25 μg of vitamin D2/100 g	
Soups & broths	2.25 μg of vitamin D2/100 g	
Extruded vegetable snacks	2.25 μg of vitamin D2/100 g	
Foods for Special Medical Purposes as defined under Regulation (EU) No 609/2013 excluding those intended for infants	15 μg/day	
Food supplements as defined in Directive 2002/46/EC intended for the general population excluding infants	15 μg/day	

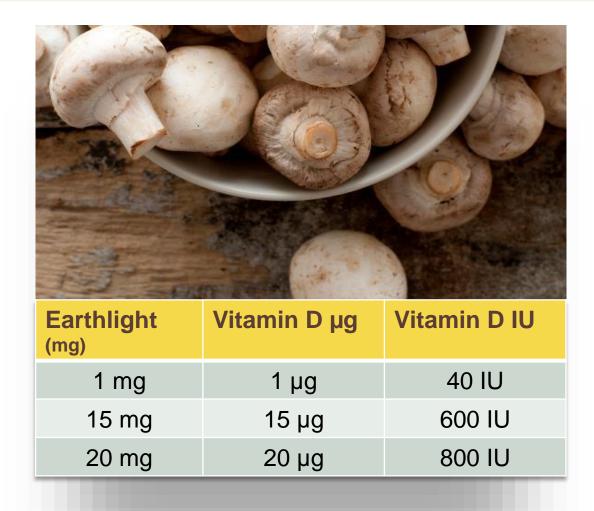




Formulation and manufacturing

Consistent quality products

- √ Certified organic grades available
- ✓ Reproducible nutrient composition
- √ Two-year shelf life
- √ Low use levels and excellent economics
- ✓ Little to no impact on organoleptic properties of food
- ✓ Little to no impact on food manufacturing processes





EFSA novel foods approval

Extensive safety review opens EU market to food applications for Earthlight

- ✓ Safety established
- ✓ Food systems identified
- ✓ PLT has exclusivity as UV D2 ingredient for five years







Earthlight® gains ANVISA approval in Brazil

Opening up the food fortification and retail supplement markets



- ➤ January 2022 approval
- ➤ Brazilian Health Regulatory Agency (Agência Nacional de Vigilância Sanitária: ANVISA)
- > Allows food fortification sales
- ➤ Allows sales in retail supplement products
- ➤ Opens 216 million person market
- ➤ Adds to Earthlight global footprint



FDA approves food additive petition

Allows use of Earthlight as Vitamin D fortification in 18 categories

- ✓ Safety established
- ✓ Food systems identified
- Earthlight only FDA FAP-approvedVitamin D in 5 new categories







The best Vitamin D solution today

An ingredient solution that checks all the boxes

- √ Whole food
- √ Minimally processed
- √ High nutrient content
- √ Clean label
- ✓ Plant-based, non-GMO
- √ Won't affect taste or texture
- √ Excellent economics

















Top Earthlight® Applications

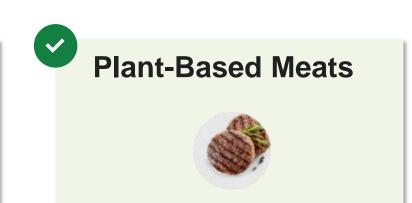
Based on PLT market research and experience

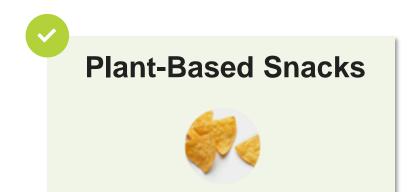


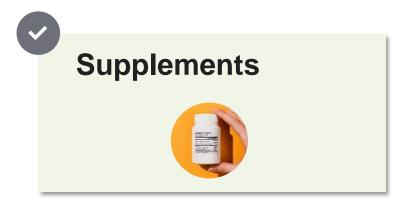
















Earthlight PR and media relations that drive brand awareness at the consumer level

Consumers are invested in learning more about the benefits of Vitamin D and Earthlight reaches them with top notch publicity

















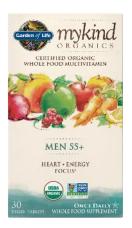


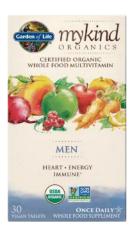




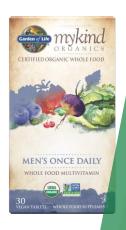
Earthlight® Success Stories

How companies translate science into compelling consumer messaging!

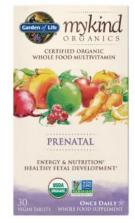


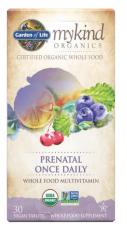


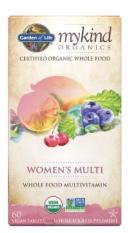


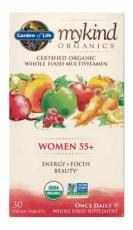


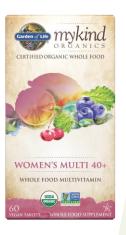














Garden of Life® mykind Organics

The first Certified USDA Organic, Non-GMO Project Verified, Certified Vegan, Certified Gluten Free multivitamins



Case study: Garden of Life's mykind Organics

Internal brand success has led to product promotion through other media partners











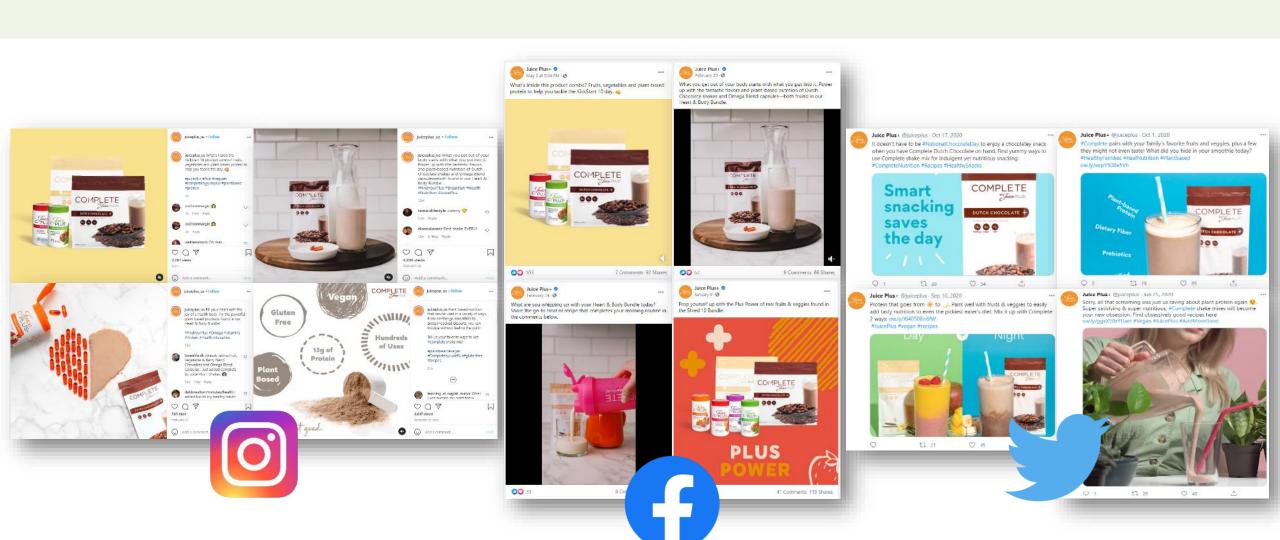
Complete by Juice Plus®+

Delicious, on-the-go plant-based nutrition shakes to support your day



Case study: Complete Shakes by Juice Plus+

Juice Plus+ has been very active pushing Earthlight product posts on each social channel







Sunfood[™] Superfoods

A powdered superfood drink that can help keep your immune system balanced



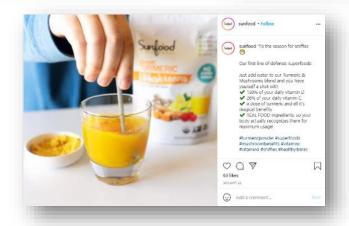
Case study: Sunfood Superfoods Organic Mushrooms

Social push has been not only towards Earthlight, but organic mushrooms as a whole















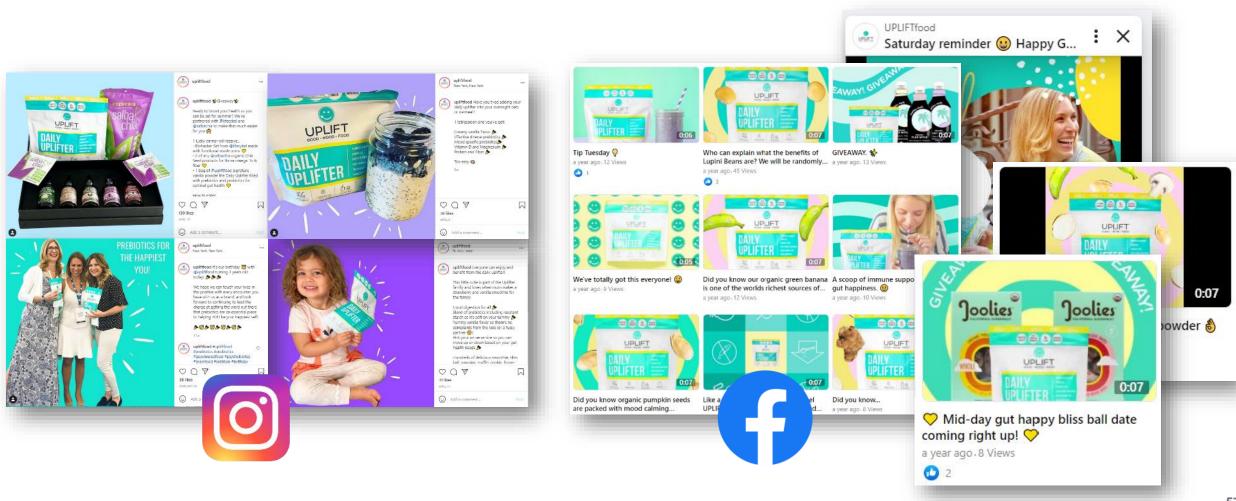
Uplift – Good, Mood, Food

Digestive and mood organic plant-based prebiotic fiber powder



Case study: Uplift's Daily Uplifter Fiber Powder

Uplift is consistent with a product focused approach on social media







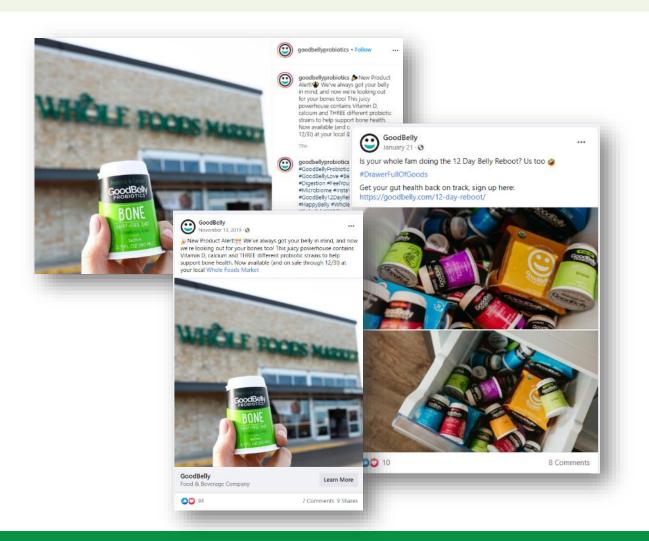
GoodBelly® Probiotics

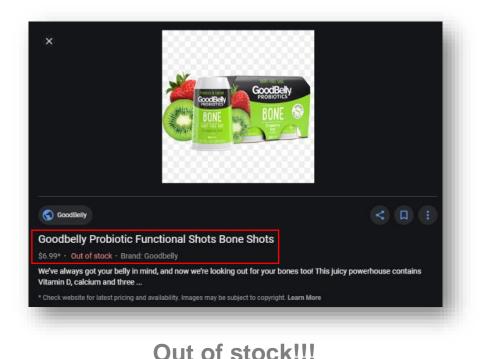
Powerhouse dairy-free shot that contains Vitamin D to help support bone health



Case study: GoodBelly Probiotics Bone Shot

New product launch paired with social promotion has led to early success





Nutricog

Clinically studied brain support and cognitive enhancement







Nutricog Composition

Patented combination of
Haritaki (*Terminalia chebula*)
Boswellia (*Boswellia serrata*)

Standardized to:

- Gallic acid
- Ellagic acid
- Amyrins





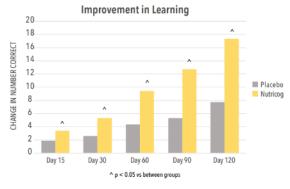


A new, breakthrough study

A randomized, double-blind, placebo-controlled clinical trial assessed Nutricog for its ability to impact the processes that underpin learning and memory: the encoding, combining, storing, and recovering of verbal information

Improved Learning Performance

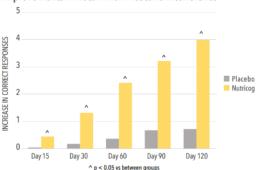
Acquiring new information is important for overall cognitive function and essential for long-term brain health



Improved Attentional Focus with Proactive Interference

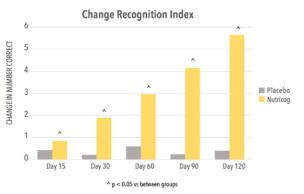
The ability to recall new information despite distracting factors is a challenging aspect of modern life.

Improvements in Recall with Proactive Interference



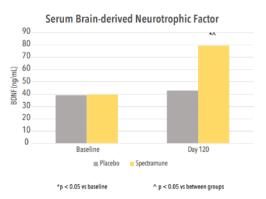
Improvement in Recognition Memory (episodic memory)

Recognizing familiar faces, places, or finding your way on a route infrequently traveled



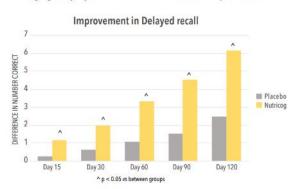
Increased Neurogenesis and Neuroplasticity

Increases in serum BDNF point to better neuronal survival, growth and plasticity



Improvement in Delayed Recall (episodic memory)

Managing everyday events with better recall of the important details





Next-Level Cognition Support

300 mg/d for comprehensive cognitive benefits

Significant results in just 15 days

Clinical findings after 4 months of use include:



- Improved immediate recall capacity and shortterm memory
- Improved learning performance; faster rate of learning
- Improved attention, focus, and concentration; reduced distractibility
- Improved long-term retention of details
- Improved recognition memory
- Increased BDNF
- Better sleep





Slendacor® Weight Management Complex

Building a weight loss brand consumers can trust



How do weight management supplements work?

Multiple mechanisms are involved in energy metabolism

Energy metabolism

- Highly conserved by redundant mechanisms
- Regulated by many pathways
- Approaches to weight management target different mechanisms
- Multiple metabolic targets support greater efficacy and side benefits





Composition

A synergistic blend of three commonly used spices with traditional medicinal and culinary uses

TURMERIC (CURCUMA LONGA)



DRUMSTICK LEAVES (MORINGA OLEIFERA)





CURRY LEAVES (MURRAYA KOENIGII)





Composition

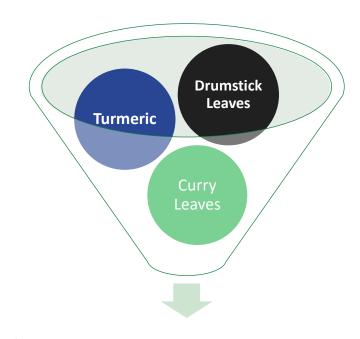
Slendacor shows significantly improved performance over individual components and other combinations

The ability of natural compounds to work synergistically

- Inhibit fat accumulation (adipogenesis)
- Promote the breakdown of fat in fat cells (lipolysis)

% Inhibition of adipogenesis in 3T3-L1 cells

Test Product	% Inhibition
Moringa oleifera Leaf Extract	25.70
Murraya koenigii Leaf Extract	24.86
Curcuma longa Extract	29.50
Composition 1	25.56
Composition 2 SLENDACOR®	40.50
Composition 3	39.89





SLENDACOR®
WEIGHT MANAGEMENT COMPLEX



Compelling, evidence-based claims

Three well-designed clinical trials / Compelling consumer messaging

*Compared to diet and exercise alone, the trial on SLENDACOR shows:

~12
Pounds Lost

More Effective*

Better BMI Improvement*

WEIGHT

Up to 15%
More Calories Burned at Rest*

- Consistent results in 3 human clinical trials
- Statistically significant weight loss within 14 days
- Weight and inches reduction in women and men
- Flexible dose division: Efficacy demonstrated at once (900 mg), twice (450 mg), or three times (300 mg) per day
- Burn up to 15% more calories at rest; non-stimulant
- Patented formula





A weight management journey that starts fast

An award-winning ingredient with multiple clinicals that shows results as soon as 14 days







Composition

- ✓ Patented dietary ingredient derived from three commonly used spices with traditional medicinal usages
 - Turmeric (Curcuma longa)
 - Drumstick leaves (*Moringa oleifera*)
 - Curry leaves (Murraya koenigii)



Dosage

- ✓ Clinical efficacy demonstrated for 900 mg/day
 - Once, twice, or three times per day dosing all supported by clinical research
- ✓ Multiple application dosage forms (water dispersible grade available)



Regulatory / IP

- ✓ Pre-DSHEA (sold prior to 1994)
- ✓ Three herbs commonly found in foods and supplements
- √ Kosher
- ✓ International Publication number: WO 2009/066303 A2
- ✓ US Publication number: US 2010/0227828 A1



Why Slendacor?

- ✓ Global success in five continents
- √ 3 gold-standard studies that demonstrate thermogenesis and significant weight loss within 14 days
- ✓ Sustained weight loss in both women and men
- ✓ Non-stimulant thermogenesis



What kind of formulator will buy Slendacor?

We look to people who value what we offer – which is a lot!

Big Brand/ Weight Loss Leader 1,2,3 Big Brand/ Sports Nutrition 1,2,4

Physician Brand

5,6

Fashion Forward Innovator

Smaller/Niche Weight Loss Mass Market/ Low Cost

- 1. Wants to develop a market leading brand
- 2. Has the **resources** to educate and promote
- 3. Is risk-averse to quality issues and bad press
- Understands that formulation flexibility and fast results are lifestyle issues
- Believes in HEALTHY weight loss not a quick fix silver bullet
- Focused on overall metabolic health



Slendacor® International Product Success Samples

International Product Success continues to build in primary market targets







































Slimvance® and Slendacor®

United States Key Product Features

































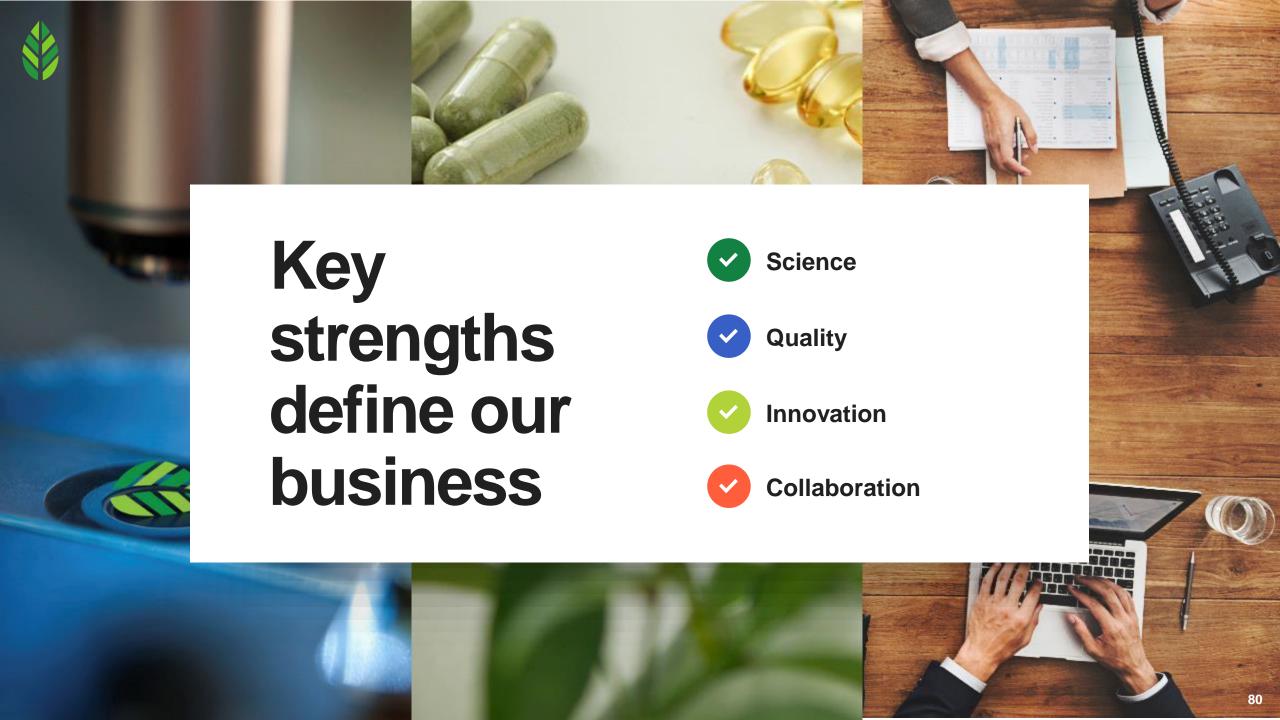


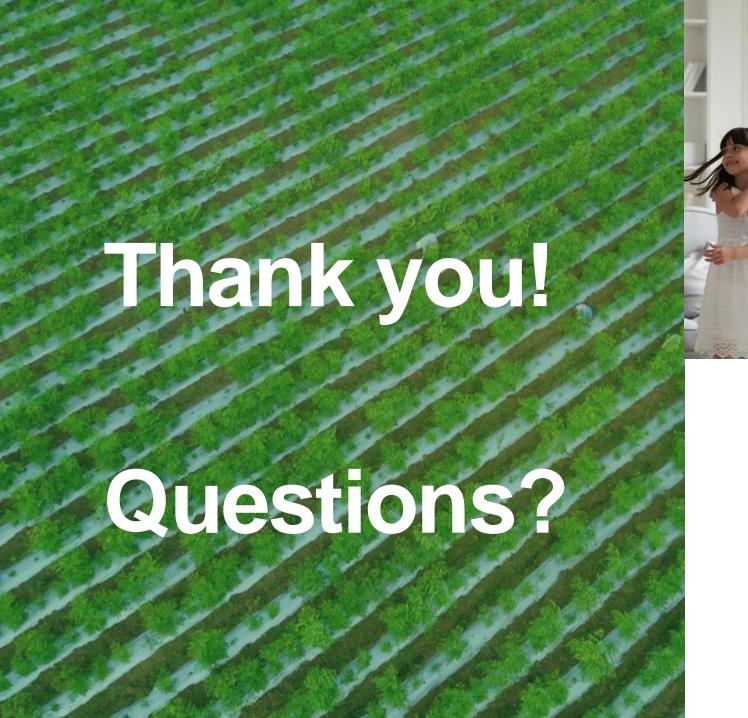






. .









Want to learn more or request a sample?

Visit our website -

www.plthealth.com

rodolphe.hang@plthealth.com

