














 **MAYPRO**<sup>®</sup>

# PROPRIETARY & BRANDED INGREDIENTS

NOVEL CLINICALLY STUDIED INGREDIENTS  
TO GIVE YOUR PRODUCTS THE WINNING EDGE

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-  Dairy Free
-  DSHEA
-  FDA GRAS Approved
-  FOSHU
-  Gluten Free
-  Halal
-  Kosher
-  Made in USA
-  NDI Exempt
-  Non GMO
-  Organic
-  Self Affirmed GRAS
-  Vegan

## ANTI-AGING



### Sirtmax®

Proprietary Black Turmeric Extract



#### Derived from the plant *Kaempferia parviflora*, native to Thailand

- Helps activate enzyme *SIRT1* to support healthy aging
- Shown to inhibit weight gain and reduce visceral fat reduction
- Helps maintain blood glucose levels within the normal range

## BEAUTY FROM WITHIN



### Florabella®

Cherry Blossom Flower Extract



#### Proprietary cherry blossom extract from the edible sakura flower

- Inhibits Advanced Glycation Endproducts (AGEs) known to contribute to metabolic syndrome, resulting in younger looking skin
- Promotes collagen production to help regain the firmness and elasticity of skin
- Inhibits melanin production, which promotes smooth skin texture and skin brightening
- Available in powder and syrup forms
- Suitable for beverage, capsule, and topical formulations



### HydroPeach®

A Proprietary White Peach Fruit Extract, Containing Glucosylceramide



#### Peach derived glucosylceramide that promotes smooth and radiant skin (like the skin of a Japanese white peach)

- Peaches contain almost 2x more ceramide when compared to other plants, which enables high-purity in a lower price range
- Patented extraction technology
- A human study has shown improvement in skin water retention and a decrease transepidermal water loss
- Using a human cultured skin model, also found an increased production of naturally occurring ceramide in the skin tissue
- Suitable for beverage, powder, capsule, and tablet applications



### Juvecol®

Patented Salmon Cartilage Extract



#### Clinically researched to support joint health and skin beauty

- The only Salmon derived proteoglycan substantiated by clinical researches
- Supplementation for 12 weeks showed improvements in joint comfort and mobility
- Shown to help improve skin elasticity, moisture, and appearance after just 2 weeks
- Suitable for beverage, capsule, and topical formulations

NEXTY Award Winner



# BONE AND JOINT HEALTH SUPPORT



## AppleActiv DAPP®

USDA Organic Certified Apple Peel Powder



### Clinically validated to support joint health and range of motion

- Made from 100% organic apples sourced exclusively from North America
- Contains 6x the polyphenols and flavonoids as apple flesh
- Shown in a 12-week pilot study to help significantly improve antioxidant capacity and reduce joint pain after 4 weeks
- Neutral tasting powder for supplement and functional food applications



## MBP®

Patented Milk Protein Extract



### Natural proteins extracted from dairy

- Maintains normal bone metabolism, tissue, and structure
- Increases number of osteoblasts and inhibits activity of osteoclasts
- Promotes collagen formation
- Sourced from grass-fed, growth hormone-free, and steroid-free cows

# CARDIOVASCULAR HEALTH



## AmealPeptide®

The Complete Lactotripeptide



### Proprietary tripeptides for complete vascular support

- Contains complete profile of lactotripeptides, Valyl-prolyl-proline (VPP) and Isoleucyl-prolyl-proline (IPP) from hydrolyzed casein
- Naturally inhibits Angiotensin-Converting Enzyme (ACE) and prevents bradykinin breakdown
- More than 30 published clinical trials
- Sourced from grass-fed, growth hormone-free, and steroid-free cows

# COGNITIVE FUNCTION



## ETAS<sup>®</sup>

Proprietary Extract of *Asparagus Officinalis*



### Clinically validated efficacy for relaxation and sleep improvement

- Improves sleep quality and reduces stress by stimulating the production of Heat Shock Protein (HSP70), which is responsible for repairing cellular damage
- Restores normal levels of HSP70, which naturally decline with age
- Backed by human clinical studies showing improved quality of sleep, reduced stress, and improved mental focus
- Cognitive function improvement as well



## NeuroHD<sup>®</sup>

Naturally derived anserine and carnosine



### NeuroHD is the first complete non-synthetic histidine dipeptide complex.

- Studies show NeuroHD can suppress oxidative damage caused by intensive exercise due to its anti-oxidant properties.
- In a human study, NeuroHD was shown to help prevent cognitive decline in people with mild cognitive impairment.
- NeuroHD has been shown to improve memory via preservation of brain blood flow.

# DETOX



## Champex<sup>®</sup>

Patented *Champignon Mushroom Extract*



### Detoxifying and odor-reducing extract of the *Agaricus bisporus* mushroom

- Shown to decrease levels of several toxic chemicals in the intestines & blood
- Shown to reduce body odors by up to 60% Neutralizes the chemicals that cause bad breath, purifies the blood of ammonia, supports kidney health, and maintains normal uric acid levels
- Aids in detoxification and is effective for breath odors & fecal odors in pets
- Improve intestinal flora or general gut health for both human and Pet use



## Excelery<sup>®</sup>

3nB *Celery Seed Extract*



### Standardized to 42.5% phthalides

- 3-n-butylphthalide is the predominant compound, offering a multitude of health benefits
- Anti-inflammatory and anti-viral
- Extracted fully to maximize bioavailability and without the use of petroleum solvents or high-temperature steam distillation
- Supports relief of symptoms associated with hypertension & gout

## EYE HEALTH



### Bilberon®

DNA Authenticated European Bilberry  
(*Vaccinium Myrtillus*) Extract



#### Standardized to high anthocyanin (>36%) and clinically studied for eye fatigue

- Patented clinical efficacy in reducing eye fatigue and dry eye due to exposure to digital displays
- Improves accommodative function and tear production after 6 weeks
- Derived from 100% naturally grown northern European bilberry

## IMMUNE SUPPORT



### AHCC®

Cultured *Lentinula Edodes Mycelia* Extract



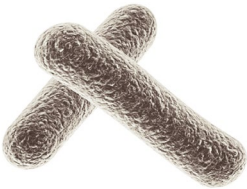
#### Unique low-molecular-weight, alpha-glucan-rich, mushroom mycelia extract

- Japan's top-selling patented immune support ingredient
- Over 100 publications about AHCC including over 50 listed in PubMed
- Used in over 1,000 clinics worldwide
- Clinically shown to enhance the function of natural killer (NK) cells, white blood cells including dendritic cells and T-cells"

NutraAward Winner



## IMMUNOBIOTICS



### L-92®

Patented Sterilized Lactic Acid Bacteria



#### Clinically researched to support healthy response to seasonal allergens

- Shown to reduce itchy skin in subjects with atopic dermatitis
- Helps reduce discomfort associated with allergic rhinitis & seasonal allergy
- Produced from a sterilized strain of Lactobacillus Acidophilus
- Regulates balance of Th1 and Th2 cells
- Non-GMO Project Verified
- Reduces hyper response of CD4+T cells

NutraAward Winner



## MINERAL SUPPORT



### **Sucrosomial® Magnesium**

*Microencapsulated Magnesium Oxide*



#### **4x more bioavailable than magnesium citrate & bisglycinate**

- Contains 32% elemental magnesium oxide
- High tolerability and neutral taste
- Does not interfere with other nutrients
- Can be taken any time of day without side effects

## ORGANIC VITAMINS & MINERALS



### **Orgavitaz™**

*Organic Vitamins & Minerals*



#### **Broad Spectrum Whole Food Complex**

- 100% Certified Organic
- Whole forms of with co-factors, as found in nature
- Transparency & traceability - Farm trace, handling trace, and manufacturing trace
- Peak harvested & standardized

## PERIODONTAL HEALTH



### **KT-11™**

*Heat-sterilized, proprietary strain of Lactobacillus crispatus*



#### **An immunobiotic for periodontal health**

- Offers defense against periodontal infections via activation of intestinal IgA and P. gingivalis-specific IgG antibody
- May block the adhesion of P. gingivalis to gingival epithelial cells and protect against alveolar bone resorption
- Clinically shown to suppress periodontopathic bacteria T. denticola compared to placebo
- Dramatically reduces P. gingivalis in KT-11 group, whereas placebo group showed increase

# PROBIOTICS



## **BB536<sup>®</sup>** *Bifidobacterium longum*\*



**Unique strain developed to achieve maximum stability at room temperature, and to most closely resemble the B. longum found in newborns**

- Japan's leading probiotic ingredient: GRAS FDA-notified & FOSHU\*
- Supported by over 40 published human clinical studies
- Provides a natural defense against episodic digestive upsets, including constipation, diarrhea, abdominal discomfort, gas, and bloating



## **B-3<sup>®</sup>** *Bifidobacterium breve*\*



**A strain of *Bifidobacterium breve* that has been researched to potentially support weight management and body composition**

- Highly-stable probiotic for weight management
- Upregulates fat metabolism to support healthy weight management and visceral fat maintenance
- Supports healthy blood glucose levels and helps maintain cholesterol already within a healthy range
- Maintains healthy liver function



## **M-16V<sup>®</sup>** *Bifidobacterium breve* with 4-year stability\*



**A stable strain of *Bifidobacterium breve* originating from healthy human infants, this strain has been utilized in infant formula across several NICU units in Japan**

- Restores bifidobacteria levels to 100% in premature infants
- Winner of the 2019 NutraIngredients Asia Award for Ingredient of the Year (Infant Nutrition)



## **M-63<sup>®</sup>** *Bifidobacterium infantis*\*



**A stable strain of *Bifidobacterium infantis* that has been researched to potentially support gut health and mental health**

- New study showed that consumption of B. infantis M-63 can effectively improve mental well-being through the change in the ratio of gut microbiota as a psychobiotic
- Highly-stable human strain supported by clinical data for premature infants
- Comparable with human milk
- Helps maintain healthy levels of bifidobacteria



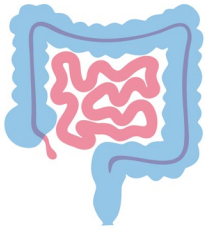
## **ProDURA<sup>®</sup>**

*Proprietary spore forming bacteria\**



- Superior heat resistance vs. other B. coagulans strains (up to 110°C)
- 3 year potency retention at room temperature
- Supports healthy cholesterol levels and aids in the reduction of bacterial vaginosis and diarrhea
- Ideal for foods, drinks, gummies and softgels
- Shown to survive in a number of aqueous solutions and pH levels





## Nutiani™ HN019

*Bifidobacterium lactis*



### Manufactured in a proprietary method to increase stability and reduce the die-off rate

- Supported by 35+ human clinical studies to support gut integrity and barrier functions in both young and older populations
- Shown in studies to support immune functions and potentially reduce inflammation caused by infections
- Ideal for several formulations such as supplements, drink powder mixes, yogurts, and confectionaries



## Nutiani™ HN001

*Lactobacillus rhamnosus*



### Manufactured in a proprietary method to increase stability and reduce the die-off rate

- Supported by 27+ human clinical studies to support immune and gut health in both young and older populations
- Shown in studies to support women's health and potentially reduce risk of post-natal depression
- Reduces risk of eczema & atopy in young children
- Ideal for several formulations such as supplements, drink powder mixes, yogurts, and confectionaries

## SEXUAL HEALTH



## Virilast®

*Patented Ayurvedic Complex*



### Clinically validated patent-pending complex that addresses multiple aspects of male sexual health

- Supported by a 140-subject human clinical study showing improvement in erectile function, sexual satisfaction and other parameters
- Unique natural complex with standardized extracts

## SLEEP



## Venetron®

*Proprietary Standardized Extract of Apocynum venetum*



### A safer, more effective alternative to St. John's Wort

- Shown in human studies to promote a positive outlook in individuals experiencing negative mood states
- Helps individuals facing mood challenges cope with stress and poor sleep
- Contains hyperoside & isoquercitrin (with mood-enhancing properties) and kaempferol (with anxiolytic properties)
- Works in synergy with GABA

# SPORTS NUTRITION



NutraAward Winner



## Oligonol®

*Superior Bioavailable Lychee Polyphenol*



### **Oligomerized low-molecular-weight polyphenol with high bioavailability and strong antioxidant**

- Addresses metabolic syndrome via anti-inflammatory effect, reduction of visceral fat and endothelial protection mechanisms
- Lessens skin wrinkles and reduces brown spots
- Reduces exercise fatigue and improves endurance
- Prepares the body for adapting to a high temperature environment
- Supported by 30 human clinical studies

## PurpleForce®

*All-natural, Kenyan purple tea extract*



### **Proprietary extract of a new Camellia sinensis variety standardized for GHG®**

- Produced in Japan from a hybridized variety of purple tea and extracted from leaves hand-picked at a sustainable pesticide-free plantation in Kenya
- Data from a tea extract study showed significant reduction in subcutaneous abdominal & upper arm fat in males, and body fat mass & hip size in females after just 4 weeks
- In a teabag (leaf) study, bodyweight and body mass were significantly reduced (twice daily for 4 weeks)
- Significantly higher antioxidant activity than green, oolong, and black teas



## RedNite®

*Beet Root Powder*



### **A standardized source of beetroot nitrate**

- Consists of 1.5% -2.75% natural nitrate
- Cultivated from a single seed variety in optimal agricultural condition
- Improves muscle performance & force production
- One of the few beet root powders to be studied showing benefits at lower nitrate dose.



## VasoDrive-AP®

*A Safer Nitric Oxide Product that Lasts*



### **Long term solution for maximal circulation**

- One of the most researched tripeptides for cardiovascular health
- Improves arterial flexibility by potentiating the production of eNOS
- Supports cerebral bloodflow and cognitive function
- Improves recovery and sustains endothelial function throughout training cycles
- FDA GRAS and Informed-Choice Sports Certified

# SUSTAINED RELEASE | MicroActive® Products



## **Astaxanthin** *3.6x Higher Bioavailability vs. Standard Astaxanthin*

- 24-hr sustained release
- Convenient once a day dosage
- Uniform enhanced absorption
- Suitable for softgel applications



## **CoQ10** *3.7x Higher Bioavailability vs. Standard (crystalline) CoQ10*

- Uniform enhanced absorption
- Shown to double CoQ10 levels after 3 weeks
- 24-hr sustained release
- Convenient once a day dosage



## **Curcumin** *10x higher bioavailability vs. Standard Curcumin*

- Reaches peak blood levels faster
- Provides 12-hr multi-staged sustained release
- Delivers demethoxycurcumin and bisdemethoxycurcumin



## **L-Citrulline** *10-hr Sustained Release*

- Increases absorption of L-Citrulline
- Promotes a more efficient transport through the digestive track and cell walls
- Supplemental citrulline increases arginine plasma levels over a longer period as compared to supplementation with arginine alone
- Increases plasma levels of all three amino acids, so it is generally preferred as a supplement over L-arginine



## **Melatonin** *7-hr Sustained Release*

- Two-stage sustained release
- Initial rapid release to help fall asleep faster
- Subsequent slow sustained release to maintain a sleep throughout the night



## **MicroPQQ®** *2.2x Higher Bioavailability vs. Standard PQQ*

- Multi-staged release in the stomach and in the small intestine
- 9-hr sustained release for greater absorption



## **Resveratrol** *2.5x Higher Bioavailability vs. Standard Resveratrol*

- 12-hr sustained release for optimal absorption
- Increases serum levels of free resveratrol



# WEIGHT MANAGEMENT



## Alluvia® Purple Tea Extract

Patented Ellagitannin to Support Fat Loss



### Proprietary extract of a new *Camellia sinensis* variety standardized for GHG®

- Produced in Japan from a hybridized variety of purple tea and extracted from leaves hand-picked at a sustainable pesticide-free plantation in Kenya
- Data from a tea extract study showed significant reduction in subcutaneous abdominal & upper arm fat in males, and body fat mass & hip size in females after just 4 weeks
- In a teabag (leaf) study, bodyweight and body mass were significantly reduced (twice daily for 4 weeks)
- Significantly higher antioxidant activity than green, oolong, and black teas



## Chitoglucan®

Patented *Enokitake* Mushroom Extract



### Unique complex of Chitosan, beta-glucans, fatty acids, fiber, and glyconjugates

- Shown to prevent the absorption of fat by trapping and repelling fat from the mucosa by coating the gastrointestinal walls
- Moderates the increase of chylomicron lipoproteins in the blood after meals
- Shown to reduce body weight, body fat, and serum-neutral lipids
- Supports healthy cholesterol levels and maintains healthy blood glucose levels

# HEMP SOURCE



## Cannabid-ALL™

CBDA Complete Spectrum Hemp Extract



### The most complete and advanced hemp extract, with the highest ratio of CBDA/CBD available.

- Advantages over CBD are better absorption, enhanced effects against stress and anxiety, and supports the accurate targeting of joint issues.
- Cannabid-ALL free-flowing powder mixes easily with other powder ingredients.
- With the use of a patented extraction method, Cannabid-ALL scientists maintain the natural CBDA content from plant to extract.
- Less than 0.3% THC

www.maypro.com

Maypro Proprietary & Branded Ingredients | 914.251.0701 | sales@maypro.com