

# HORN Human Nutrition

HORN Human Nutrition is the industry source for science-based innovations and best-in-class ingredients.™ Our Innovative Ingredients Division is dedicated to the research and procurement of new, cutting-edge ingredients for progressive marketers. Only products with sound scientific backing, demonstrated efficacy, IP protection and a clear value-add for our customers are selected. Below is a summary of the ingredients in our innovative portfolio. Please contact your HORN account manager for more detailed information and to request a sample.

## Innovative Ingredients

	<p><b>Outlast® CR – Boosts Creatine Bioavailability <sup>New!</sup></b>                  Outlast is a patented blend of Palatinose™ (isomaltulose) and creatine. Exclusively available through HORN, Outlast addresses the challenge of sustained creatine absorption in the body. This proprietary blend is clinically proven to significantly increase the bioavailability of creatine up to 50 percent to help athletes, gym regulars or anyone seeking to boost their energy, work capacity, strength and power.</p>
	<p><b>Yestimun® – Highest Purity β-Glucan for Immune Support <sup>New!</sup></b>                  Yestimun brewer's yeast beta 1,3/1,6 glucan offers the highest potency rate on the market at 85 percent, validated by 11 published clinical trials. Yestimun is scientifically proven to reduce the frequency, severity and duration of the common cold. Gently processed with no solvents, Yestimun is a pure ingredient made from brewer's yeast in Germany by Leiber GmbH.</p>
	<p><b>CeyLean™ – Pure Ceylon for Blood Glucose and Weight Management <sup>New!</sup></b>                  CeyLean is a proprietary extract from Ceylon cinnamon that contains 40 percent polyphenols. Research shows that it can block carb absorption by 20 percent instantaneously. CeyLean helps prevent glycemic spikes and sugar crashes by inhibiting enzymatic digestion of dietary starch, aiding the body to reduce the conversion of excess sugar into fat.</p>
	<p><b>ChalCurb™ – Visceral Fat Reduction</b>                  ChalCurb is a new ingredient that addresses the rarely talked about visceral fat also known as the abdominal fat that lingers around the belly. Manufactured by Japan Bio Science Laboratory (JBSL-USA), ChalCurb is a proprietary plant extract that contains more than 20 potent and rare flavonoids called chalcones that reduce visceral fat by more than 10 percent.</p>
	<p><b>ErgoMAX™ – Natural, Organic Vitamin D</b>                  ErgoMAX by Guzen Development is a vegan-friendly powder naturally high in vitamin D2 (bioidentical to D3). It is purely made from certified organic mushrooms cultivated and processed in the U.S., and retains all the micronutrients found in whole mushrooms.</p>
	<p><b>NSK-SD® Nattokinase – Cardiovascular Support</b>                  Backed by more than 25 years of research and scientific testing, NSK-SD promotes fibrinolytic activity for healthy blood flow and overall cardiovascular function. Manufactured by JBSL-USA, NSK-SD has the highest proven potency of any Vitamin K2-free nattokinase on the market.</p>
	<p><b>Nutri-K JN™ – Bone and Heart Health</b>                  Nutri-K JN is an advanced, all natural form of vitamin K2, menaquinone-7 (MK-7), that serves vital roles in bone development and cardiovascular health. Manufactured by Nutri Granulations, a division of HORN, Nutri-K is highly efficacious and is the most bioavailable, bioactive, long-lasting form of vitamin K. Multiple potencies are available in oil and powder products for a wide range of applications.</p>
	<p><b>Optain120™ – High Blood Pressure Management</b>                  Optain120 addresses systemic hypertension which affects an estimated 67 million adults in the U.S. according to the Centers for Disease Control and Prevention. Manufactured and patented by Ryusendo, Optain120 reduces systolic blood pressure by six percent and can be effective in as little as five days.</p>
	<p><b>Sloiron® – Nature's Iron Concentrate</b>                  Sloiron, the first ferritin-iron supplement from plants, provides gentle, nutritionally available iron in an efficient, vegan form. The ferritin protein molecule delivers an average of 2,000 iron atoms contained inside a protein cage that releases iron on demand in a controlled and efficient manner; thus preventing gastric distress caused by most iron supplements and avoiding potentially toxic iron overload.</p>

These statements have not been evaluated by FDA. These products are not intended to diagnose, treat, cure or prevent any disease.

## Innovative Ingredients by Category



Immunity and  
Sports Nutrition



Weight and Blood Sugar  
Management



Blood Pressure  
and Heart Health



Bone Health



Innovative Minerals

