

## Nutraceutical Specialties Products

Below, you will find an excerpt detailing a subset of our Nutraceutical Ingredients. This compilation is meant to provide illustrative examples only and does not represent a complete inventory.

### 1. Aminoacids & Derivatives

- *BCAA 2:1:1 / 4:1:1*
- *D-Phenylalanine Methyl Ester HCL*
- *D-Ribose*
- *Histidine Base / D-Histidine*
- *L-Alanine / D-Alanine / DL-Alanine*
- *L-Arginine Base / HCL / Alpha Ketoglutarate 2:1 / Aspartate*
- *L-Asparagine Anhydrous / Monohydrate*
- *L-Aspartic Acid / D-Aspartic Acid / DL-Aspartic Acid*
- *L-Carnitine Base / HCL / Fumarate / Tartrate*
- *L-Citrulline Base / Malate*
- *L-Creatine Monohydrate*
- *L-Cysteine Base / HCL / Monohydrate / D-Cysteine*
- *L-DOPA*
- *L-Glutamic Acid*
- *L-Glutamine*
- *L-Glutamic Acid HCL / D-Glutamic Acid / Alpha Ketoglutarate*
- *L-Glycine*
- *L-Homocysteine*
- *L-Leucine / D-Leucine / DL-Leucine*
- *L-Isoleucine / D-Isoleucine / DL-Isoleucine*
- *L-Lysine Base / Acetate / HCL / D-Lysine HCL*
- *L-Malic Acid*
- *L-Methionine / D-Methionine / DL-Methionine*
- *L-Norvaline*
- *L-Ornithine HCL / Alpha Ketoglutarate*
- *L-Ornithine / D-Ornithine HCL / Aspartate*
- *L-Phenylalanine*
- *L-Proline*
- *L-Pyroglutamic Acid*
- *L-Serine / D-Serine / DL-Serine*
- *L-Theanine*
- *L-Threonine / D-Threonine / DL-Threonine*
- *L-Tryptophan / D-Tryptophan / DL-Tryptophan*
- *L-Tyrosine / D-Tyrosine / DL-Tyrosine*
- *L-Valine / D-Valine / DL-Valine / Methyl Ester HCL*

## 2. Health Supplements & Nutraceuticals

- *Adenine*
  - *Apigenin*
  - *5-HTP (5-Hydroxytryptophan)*
  - *Adenosine Triphosphate (ATP)*
  - *Agmatine Sulfate*
  - *Aloe Emodin*
  - *Alpha Lipoic Acid (ALA)*
  - *Artemisinin*
  - *Berberine HCL*
  - *Beta-Carotene*
  - *Beta Alanine*
  - *Betaine HCL / Anhydrous*
  - *BHB (Beta-Hydroxybutyrate)*
  - *Carnosine*
  - *Choline Bitartrate*
  - *Chrysin*
  - *Coenzyme Q10*
  - *Conjugated Linoleic Acid (CLA 60%)*
  - *DHA (Docosahexaenoic Acid)*
  - *Diosmin*
  - *Diosmina + Hesperidin*
  - *EPA (Eicosapentaenoic Acid)*
  - *Fisetin*
  - *HMB (Hydroxymethylbutyrate)*
  - *Hyaluronic Acid*
  - *L-Glutathione Reduced*
  - *Melatonin*
  - *MSM (Methylsulfonylmethane)*
  - *Palmitoylethanolamide (PEA):  
powder, micronized, ultra-micronized,  
granular*
  - *Phosphatidylserine*
  - *Quercetin*
  - *Resveratrol*
  - *Rotundine*
  - *Rutin*
  - *SAMe (S-Adenosyl Methionine)*
  - *Shikimic Acid*
  - *Silymarin UV 80%*
  - *Sodium Hyaluronate*
  - *Synephrine*
  - *Taurine*
  - *Troloxerutin*
  - *Ursodeoxycholic Acid*
  - *Yohimbine*
  - *GABA (Gamma Aminobutyric Acid)*
  - *Genistein*
  - *Glutamine*
  - *Hesperidin*
- VITAMINS**
- *Vitamin A Acetate / Palmitate / Liquid  
1.6/1.7 MIU*
  - *Vitamin A*
  - *Vitamin B1 (Thiamine) MONO / HCL*
  - *Vitamin B2 (Riboflavin)*
  - *Vitamin B3 (Niacin / Niacinamide)*
  - *Vitamin B5 (Calcium D Pantothenate)*
  - *Vitamin B6 (Pyridoxine)*
  - *Vitamin B8 (Inositol)*
  - *Vitamin B9 (Folic Acid)*
  - *Vitamin B12 (Methylcobalamin /  
Cyanocobalamin)*
  - *Vitamin C (Ascorbic Acid) Plain /  
Coated*
  - *Vitamin D2 / D3*
  - *Vitamin E 50%*
  - *Vitamin E Liquid / Powder*
  - *Vitamin H (Biotin)*
  - *Vitamin K1 Liquid / Powder*
  - *Vitamin K2*

### **Fmoc-AMINOACIDS**

- *Fmoc-Ala-OH*
- *Fmoc-Arg(Pbf)-OH*
- *Fmoc-Asn(Trt)-OH*
- *Fmoc-ASP(OtBu)-OH*
- *Fmoc-Asp-OtBu*
- *Fmoc-Cys(Trt)-OH*
- *Fmoc-Cys(Acm)-OH*
- *Fmoc-Gln(Trt)-OH*
- *Fmoc-Glu(OtBu)-OH*
- *Fmoc-Orn(Boc)-OH*
- *Fmoc-Phe-OH*
- *Fmoc-Pr00-OH*
- *Fmoc-Ser(tBu)-OH*
- *Fmoc-Thr(tBu)-OH*
- *Fmoc-Trp-OH*
- *Fmoc-Trp(tBU)-OH*
- *Fmoc-val-OH*
- *Fmoc-D-Ala-OH*
- *Fmoc-HomoArg(Pbf)-OH*
- *Fmoc-D-Arg(Pbf)-OH*
- *Fmoc-His(Trt)-OH*
- *Fmoc-D-Glu(OtBu)-OH*
- *Fmoc-Ile-OH*
- *Fmoc-Leu-OH*
- *Fmoc-Lys(Boc)-OH*
- *Fmoc-Met-OH*
- *Fmoc.D-Trp-OH*
- *Fmoc.D-Trp(Boc)-OH*
- *Fmoc-D-Phe-OH*

### **BOC-AMINOACIDS**

- *Boc-Ala-OH*
- *Boc-Arg(Tos)-OH*
- *Boc-Arg.HCL.H2O*
- *Boc-Asp-OtBu-OH*
- *Boc-Asp-oBzl*
- *Boc-Asp(OtBu)-OH*

- *Boc-His(Trt)-OH*
- *Boc-Leu-OH.H2O*
- *Boc-Lys(Boc)-OH.DCHA*
- *Boc-Lys(2-CLZ)-OH*
- *Boc-Lys(Cbz)-OH*
- *Boc-Ser(Bzl)-OH*
- *Boc-Thr(Bzl)-OH*
- *Boc-Tyr(Bzl)-OH*
- *Boc-Val-OH*

### **CBZ - AMINO ACIDS**

- *Cbz-Arg(Tos)-OH*
- *Cbz-Asp(Obz1)-OH*
- *Cbz-ASP(OtBu)-OH*
- *Cbz-Glu(Obzl)-OH*
- *Cbz-Lys(2-CL-Z)-OH*
- *Cbz-Lys(Fmoc)-OH*
- *Cbz-ser(Bz1)-OH*
- *Cbz-Ser(tBu)-OH*
- *Cbz-Thr(Bzl)-OH*
- *Cbz-Tyr(Bzl)-OH*
- *Cbz-val-OH*

### **DERIVATIVES**

- *D-Arg.HCL*
- *D-Glu-OH*
- *D-His-OH*
- *D-Leu-OH*
- *D-Lie-OH*
- *D-Thr-OH*
- *D-Trp-OH*
- *H-Ala-NH2.HCL*
- *H-Ala-OBzl.HCL*
- *H-Asp(OtBu)-OH*
- *H-Leu-OtBu.HCL*
- *H-Lys(Boc)-OH*
- *H-Tyr(Bzl)-OH*
- *H-Tyr(tBu)-OH*
- *H-Val-OBzl.To*

### **3. Organic Extracts**

- Alfalfa Extract
- Amur Cork-tree Bark Extract
- Aractylodis Extract
- Aralia Chinensis Extract
- Artemisia Capillaris Extract
- Astragalus Extract
- Barberry Extract
- Betula Extract
- Black Cohosh Extract
- Burdock Extract
- Chaste Berry Extract
- Chinese Clematis Extract
- Chinese Rhubarb Extract
- Chinses Nyt-gall Extract
- Coltsfoot Extract
- Curcumin Extract
- Dandelion Extract
- Desmodium Extract
- Epimedium Extract
- Fenugreek Extract
- Figwort Extract
- Folium Isatidis Extract
- Fo-ti Extract
- Fraxini Extract
- Garcinia Cambogia Extract
- Gentian Extract
- Giant Knotweed Extract
- Green Tea Extract
- Golden Seal Extract
- Hawthorn Extract
- Honeysuckle Flower Extract
- Horsetail Extract
- Houttuynia Extract
- Kudzu Root Extract
- Milk Thistle Extract
- Netted Stinkhorn Extract
- Nettle Extract
- Olive Leaf Extract
- Passionflower Extract
- Pomegranate Extract
- Peony Extract
- Peppermint Extract
- Peucedanum Extract
- Pine Bark Extract
- Pinellia Tuber Extract
- Polypours Extract
- Prickly Ash Extract
- Psyllium Extract
- Raspberry Extract
- Red Clover Extract
- Reishi Mushroom Extract
- Rosehip Extract
- Schisandra Extract
- Sea Buckthorn Extract
- Shashen Extract
- Siberian Ginseng Extract
- Smoketree Extract
- Sobus Puhuashanensis Extract
- Solomonseal Rhizome Extract
- Sophorae Japonicae Extract
- Sorrel Extract
- St John's Wort Extract
- Sweet Wormwood Extract
- Tall Gastrodia Tuber Extract
- Thermopsis Lanceolata Extract
- Tribulus Terrestris Extract

**...to be continued**

- Valerian Extract
- White Willow Bark Extract
- Wild Jujube Seeds Extract
- Wormwood Extract
- Yam Extract
- Yellow Sweet Clover Extract

*For additional inquiries, we would be pleased to assist you. Please direct your communications to:*

- [info@vestalifesciences.com](mailto:info@vestalifesciences.com)
- [sales@vestalifesciences.com](mailto:sales@vestalifesciences.com)
- [support@vestalifesciences.com](mailto:support@vestalifesciences.com)

