

# **Emeraid® Sustain™ HDN™**

## Balanced nutrition for recovering canines



**Emeraid Sustain HDN Canine** or “Highly Digestible Nutrition” is a semi-elemental therapeutic diet developed by veterinarians and nutritionists. Emeraid Sustain HDN Canine is scientifically designed to support canines that are underweight, recovering from critical illness, or suffering from chronic medical conditions.

Available in 100 g, 400 g and 2 kg pouches

### Indications: Use Emeraid Sustain HDN Canine for nutritional support during:

- Convalescence
- Pre- or post-operative period
- Failure to thrive or gain weight
- Cachexia
- Inappetance
- Acute kidney disease
- Neglect
- Severe parasitic infestations
- Infectious disease
- Autoimmune disease
- Anemia
- Peritonitis
- Malabsorption/maldigestion

### Contraindications:

- Chronic kidney disease
- Hepatic encephalopathy

### Features & Benefits:

- High energy (2.23-1.34 kcal/ml ME) means smaller volumes per patient
- One month shelf life after opening
- Excellent for tube feeding or syringe feeding (not recommended for CRI pumps)
- Goes through tubes as small as 5 Fr without clogging
- Species-specific nutritional formulation
- More whole proteins than Emeraid Intensive Care HDN to stimulate gastrointestinal motility and prepare the dog’s return to normal food
- Essential amino acids to meet the needs of the metabolically stressed patient
- L-carnitine, branched chain amino acids and highly digestible proteins promote lean body mass
- Omega-3 fatty acids to modulate the inflammatory response
- Synergistic antioxidants vitamin E, vitamin C, zinc and taurine to defend against oxidative stress
- Glutamine and arginine support immunity and antioxidant systems
- L-tryptophan, a precursor for the synthesis of serotonin to reduce stress
- University formulated; meets AAFCO requirements for all life stages

### Standard Mixing Directions:

| Feeding Style                | Emeraid Powder (parts) | Water* (parts) | ME (kcal/ml) |
|------------------------------|------------------------|----------------|--------------|
| <b>Syringe</b>               | 3.5                    | 2              | 2.23         |
| <b>Tube (10Fr or larger)</b> | 2                      | 2              | 1.58         |
| <b>Tube (5Fr-8Fr)</b>        | 1.5                    | 2              | 1.34         |

\*Mix with very warm water measuring 103° to 105°F (39° to 40.5°C).

### Nutrient Content:

|   |              |
|---|--------------|
| Caloric Content (ME) <sup>a</sup> ..... | 2.23 kcal/ml |
| Dry Matter (ME) .....                   | 4414 kcal/kg |
| Crude Protein .....                     | 32.34%       |
| Crude Fat .....                         | 26.90%       |
| Crude Fiber .....                       | 3.51%        |
| Ca .....                                | 1.20%        |
| P .....                                 | 0.97%        |
| K .....                                 | 0.60%        |
| Na.....                                 | 0.23%        |
| Cl .....                                | 0.51%        |
| Mg .....                                | 0.12%        |

a) When made as a 3.5:2 part ratio

**Ingredients:** COOKED CHICKEN, CORN STARCH, HYDROLYZED SOY PROTEIN, GROUND CORN, GLUCOSE SYRUP SOLIDS, DEHYDRATED WHOLE CHICKEN EGG, DEHYDRATED CHICKEN LIVER, DEHYDRATED CASEIN, CANOLA OIL, CORN OIL, DICALCIUM PHOSPHATE, DEFATTED WHEAT GERM, CELLULOSE, GROUND LIMESTONE, POTASSIUM CHLORIDE, DL-METHIONINE (AN ESSENTIAL AMINO ACID), MAGNESIUM SULFATE, CHOLINE CHLORIDE, CITRIC ACID (A NATURAL PRESERVATIVE), MIXED TOCOPHEROLS (A NATURAL PRESERVATIVE), TAURINE (AN ESSENTIAL AMINO ACID), L-LYSINE (AN ESSENTIAL AMINO ACID), L-CARNITINE, COPPER-LYSINE, ZINC OXIDE, MANGANESE OXIDE, VITAMIN E SUPPLEMENT, ASCORBIC ACID, NIACIN SUPPLEMENT, D-CALCIUM PANTOTHENATE, BIOTIN, RIBOFLAVIN SUPPLEMENT, SODIUM SELENITE, MENADIONE SODIUM BISULFITE COMPLEX (SOURCE OF VITAMIN K ACTIVITY), PYRIDOXINE HYDROCHLORIDE, VITAMIN A SUPPLEMENT, THIAMINE MONONITRATE, VITAMIN B12 SUPPLEMENT, VITAMIN D3 SUPPLEMENT, FOLIC ACID.

For additional features and benefits, visit [Emeraid.com](http://Emeraid.com)

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**MADE IN THE USA**