The Original Hydrolyzed Therapeutic Pet Food

Purina® Pro Plan® Veterinary Diets HA Hydrolyzed® was the first truly hypoallergenic therapeutic pet food created with a single hydrolyzed protein source and a single carbohydrate source for the nutritional management of dogs with adverse food reaction.

Adverse food reaction can include both skin and gastrointestinal signs.1

Hydrolyzed formulas are used for children with adverse food reactions to milk and soy.2

Our Nutritional Approach

A 2006 evaluation of published studies on adverse food reaction showed the most common allergens in dogs are: beef, dairy, wheat, egg and chicken.1 Soy allergy was less common.1 Even in soy allergic dogs, no antibody binding to hydrolyzed soy peptides under 20 kilodaltons has been detected.2 Additionally, soy hydrolysate did not elicit an allergic response in the majority of soy-allergic dogs.3,4,5 The average molecular weight of HA Hydrolyzed soy hydrolysate is approximately 13.7 kilodaltons.

While food allergies are relatively uncommon in the general canine population, intact corn and rice are listed as potential allergens in dogs.1 That’s why HA Hydrolyzed uses cornstarch as a highly refined carbohydrate source with less than one percent protein. A soy hydrolysate diet containing cornstarch did not elicit an allergic response in the majority of corn allergic dogs.4

Our unique formula contains 22-26% of fat as MCTs, a highly digestible fat source. Purina® Pro Plan® Veterinary Diets HA Hydrolyzed® Canine Formula was shown to improve clinical signs in dogs with previously refractory IBD.5

How We Compare

Comparison of Therapeutic Hydrolyzed Canine Dry Diets *

<table>
<thead>
<tr>
<th></th>
<th>Purina® Pro Plan® Veterinary Diets HA Hydrolyzed® Vegetarian Formula</th>
<th>Hill’s Prescription Diet z/d Ultra</th>
<th>Royal Canin Veterinary Diet Hydrolyzed Protein Adult HP</th>
<th>Royal Canin Veterinary Diet Hydrolyzed Protein Adult PS</th>
<th>Royal Canin Veterinary Diet Anallergenic/Ultamino</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Protein Sources</td>
<td>Hydrolyzed soy protein isolate</td>
<td>Hydrolyzed chicken liver, hydrolyzed chicken</td>
<td>Hydrolyzed soy protein</td>
<td>Hydrolyzed soy protein, potato protein</td>
<td>Hydrolyzed poultry by-products aggregate</td>
</tr>
<tr>
<td>Protein (grams/100kcal)</td>
<td>5.32</td>
<td>4.8</td>
<td>5.2</td>
<td>5.63</td>
<td>4.67</td>
</tr>
<tr>
<td>Primary Carbohydrate Sources</td>
<td>Corn starch</td>
<td>Starch</td>
<td>Brewers rice</td>
<td>Dried potato</td>
<td>Corn starch</td>
</tr>
<tr>
<td>Fat (grams/100kcal)</td>
<td>2.63</td>
<td>3.3</td>
<td>4.7</td>
<td>3.22</td>
<td>4.28</td>
</tr>
<tr>
<td>Life Stage</td>
<td>Growth &amp; Maintenance</td>
<td>Maintenance</td>
<td>Growth &amp; Maintenance</td>
<td>Maintenance</td>
<td>Maintenance</td>
</tr>
</tbody>
</table>

*Based on ingredients and values published in Purina-2015 (average nutrient content), Royal Canin-2014 (typical analysis), and Hills-2014 (average nutrient content) Veterinary Product Guides


For questions, please contact your Purina Veterinary Consultant (PVC) or the Purina Veterinary Resource Center at 1-800-222-VETS (8387).
Indications:

- Inflammatory bowel disease
- Pancreatitis
- History of urate urolithiasis
- Protein losing enteropathy
- Elimination diet for food trials
- Exocrine pancreatic insufficiency
- Dermatitis associated with food allergy
- Gastroenteritis associated with food allergy
- Lymphangiectasia
- Malabsorption
- Hyperlipidemia
- Hepatic encephalopathy

The Original Hydrolyzed Therapeutic Pet Food

- Single hydrolyzed protein source
- Single carbohydrate source
- Highly digestible for optimal nutrient absorption

Also available: HA Hydrolyzed® Chicken Flavor Canine Formula and HA Hydrolyzed® Feline Formula.

Purina trademarks are owned by Société des Produits Nestlé S.A. Any other marks are property of their respective owners. Printed in USA.