



Empyreal®75. Sustainable, plant-based solution that's rich in amino acids and rich in profit, from the mill to the pond.

Empyreal 75 is a plant-based, sustainable protein concentrate that allows aquafeed producers to create more reliable, higher value products for their customers. It can replace more expensive protein sources, such as fishmeal and animal protein. Its protein density allows for more flexibility in diet design, while its superior binding and physical characteristics hold kibble integrity. And you can rely on it to be nutritionally consistent and provide the same functional advantages every time. Empyreal 75 improves your customer's business, too. It promotes growth and health in your customers' animals, allowing them to eat less but gain weight faster. This improved feed conversion decreases the number of days on feed, which means higher productivity for the farm.

Empyreal.
75
Gain more.

TYPICAL ANALYSIS (AS-IS BASIS)

Protein	76.2%	Ash	1.3%
Fat, Acid Hydrolysis	4.5%	Carbohydrates	5.3%
Crude Fiber	1.0%	Density, lb/cu ft	36–39
TDF	5.0%	Omega-6 (Linoleic Acid)	2.55%
Moisture	8.5%		

NUTRITIONAL INFORMATION

Amino Acid Content	As-Is	% Protein	Vitamins (mg/kg)	As-Is	Minerals	As-Is
Alanine	6.17	8.16	Vitamin A (Retinol)	13.4	Calcium	0.05%
Arginine	2.28	3.02	Choline	190	Potassium	0.15%
Aspartic Acid	4.24	5.62	Niacin	46.9	Phosphorus	0.24%
Cystine	1.15	1.52	Pantothenic Acid	1.88	Magnesium	0.05%
Glutamine/Glutamic Acid	15.29	20.26	Pyroxidine (B6)	5.45	Chloride	0.29%
Glycine	1.79	2.37	Riboflavin (B2)	2.73	Sulfur	0.95%
Histidine	1.55	2.06	Thiamine (B1)	0.41	Sodium	0.25%
Isoleucine	3.06	4.06	Biotin	0.18	Iron, ppm	73.6
Leucine	12.63	16.73	Inositol	1604	Zinc, ppm	47.9
Lysine	1.08	1.43	Carotenoids/ Antioxidants (ppm)	As-Is	Manganese, ppm	4.3
Methionine	1.70	2.29	cis-Lutein	35–55	Copper, ppm	11.1
Phenylalanine	4.65	6.16	trans-Lutein	90–150	Chromium, ppm	0.00
Proline	6.68	8.84	cis-Zeaxanthin	20–35	Molybdenum, ppm	0.74
Serine	3.47	4.60	trans-Zeaxanthin	90–120	Selenium, ppm	1.97
Threonine	2.25	2.98	alpha-Cryptoxanthin	20–28	Iodine	<5.0
Tryptophan	0.32	0.42	beta-Cryptoxanthin	10–16		
Tyrosine	3.95	5.24	alpha-Carotene	2–4		
Valine	3.36	4.45	beta-Carotene	15–25		

For more information about Emphyreal 75, visit empyreal75.com or call +1 402-533-4282.

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