



**Introducing Empyreal<sup>®</sup>75**  
**The New Power**  
**In Protein**

**EMPYREAL<sup>®</sup>**  
**75**

# Empyreal® 75. A naturally pure, consistent source of protein. Every Shipment. Every Time.

Empyreal 75 is a natural source of high-purity corn protein delivered without artificial preservatives. Our quality assurance focus ensures product integrity, every shipment, every time. Empyreal 75 is a consistent, valuable source of low ash, highly digestible protein that is rich in nutrients and is also a natural source of antioxidants. This plant-based protein concentrate is an environmentally sustainable and economically affordable source of naturally pure protein. Because Empyreal 75 is manufactured on purpose and is not a by-product, you can depend on it to be consistent nutritionally and provide the same functional advantages every time. Empyreal 75 promotes superior texture, binding and physical characteristics when used as an ingredient in your products.

AAFCO 48.89 Corn Protein Concentrate

## 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	39–36
TDF	%5.0	Omega6- (Linoleic Acid)	%2.55
Moisture	%8.5		

## Nutritional Information

### Amino Acid Content

Content	As-Is	% Protein
Alanine	6.17	8.16
Arginine	2.28	3.02
Aspartic Acid	4.24	5.62
Cystine	1.15	1.52
Glutamine/Glutamic Acid	15.29	20.26
Glycine	1.79	2.37
Histidine	1.55	2.06
Isoleucine	3.06	4.06
Leucine	12.63	16.73
Lysine	1.08	1.43
Methionine	1.70	2.29
Phenylalanine	4.65	6.16
Proline	6.68	8.84
Serine	3.47	4.60
Threonine	2.25	2.98
Tryptophan	0.32	0.42
Tyrosine	3.95	5.24
Valine	3.36	4.45

### Vitamins (mg/kg)

Vitamin A (Retinol)	13.4
Choline	190
Niacin	46.9
Pantothenic Acid	1.88
Pyroxidine (B6)	5.45
Riboflavin (B2)	2.73
Thiamine (B1)	0.41
Biotin	0.18
Inositol	1604

### Carotenoids/Antioxidants (ppm)

cis-Lutein	55–35
trans-Lutein	150–90
cis-Zeaxanthin	35–20
trans-Zeaxanthin	120–90
alpha-Cryptoxanthin	28–20
beta-Cryptoxanthin	16–10
alpha-Carotene	4–2
beta-Carotene	25–15

### Minerals

Calcium	%0.05
Potassium	%0.15
Phosphorous	%0.24
Magnesium	%0.05
Chloride	%0.29
Sulfur	%0.95
Sodium	%0.25
Iron, ppm	73.6
Zinc, ppm	47.9
Manganese, ppm	4.3
Copper, ppm	11.1
Chromium, ppm	0.00
Molybdenum, ppm	0.74
Selenium, ppm	1.97
Iodine	<5.0



**EMPYREAL®**  
**75**  
dependably pure.

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