

## Corn Gluten Meal

Corn Gluten Meal (CGM) is a by-product of corn wet milling process and corn starch production. CGM is a protein-rich feed, containing about 65% crude protein (DM), used as a source of protein, energy and pigments for livestock species including fish. It is also valued in pet food for its high protein digestibility. The product is golden yellow in color; and fine granular in its physical appearance. Due to its high protein content, CGM is mostly used as a source of protein as a potential alternative to other plant or animal-based proteins, such as Soybean Meal, Meat and Bone Meal and Fish Meal. CGM is also a source of energy, due to its high gross energy (23.1 MJ/kg DM) coupled with high energy digestibility (> 90% in ruminants and pigs). CGM is particularly rich in yellow xanthophyll (between 200 and 500 mg/kg DM) that are useful for pigmentation in poultry.



### Guaranteed Analysis

Protein	60% Min.
Moisture	12% Max.
Fiber	2.5% Max.
Fat	1.0% Min.

### Typical Analysis

*Nutrient, based on 90% DM Value*

Crude Protein	67.2 %
Crude Fiber	1.2 %
Crude Fat	2.9 %
Ash	2.1 %
Neural Detergent Fiber	4.1 %
Acid Detergent Fiber	1.6 %
Lignin	0.3 %
Starch (polarimetry)	17.6 %

### Packaging

Loaded Bulk in 20'/40' containers (at seller's option)

### Amino Acid Profile

Alanine	8.5 %
Arginine	3.0 %
Aspartic Acid	5.8 %
Cysteine	1.8 %
Glutamic Acid	20.1 %
Glycine	2.5 %
Histidine	2.0 %
Isoleucine	4.0 %
Leucine	15.9 %
Lysine	1.7 %
Methionine	2.4 %
Phenylalanine	6.1 %
Proline	8.7 %
Serine	4.9 %
Threonine	3.3 %
Tryptophan	0.5 %
Tyrosine	4.8 %
Valine	4.5 %

### Energy Profile

Gross Energy	23.1 MJ/kg
Xanthophylls	330 mg/kg