



AN OCEANA GROUP COMPANY

**MENHADEN**  
A SEA OF NATURAL NUTRITION

www.daybrook.com 800.707.3474

## DAYBROOK PRIME MENHADEN FISH MEAL

Daybrook Prime Fish Meal is the premier quality menhaden meal available from the United States. It differs from commodity grade fish meal because of a high quality standards for the freshness of the raw material and the subsequent automated controlled drying methods. These two quality parameters allow us to guarantee a finished product that is low in TVN, FFA, histamine, and other biogenic amines and that is also high in digestibility. This translates into better feed acceptance and consumption and faster growth rates and better protein efficiency. Prime meal is available with a choice of antioxidants – GOLD is treated with Ethoxyquin, BLUE is treated with BHT, and EMERALD is treated with all natural mixed tocopherols (Natuerox)

Daybrook Fisheries has a dedicated fleet of 11 fishing vessels with modern refrigerated cargo holds to deliver fresh fish to the plant where they are processed immediately using a super-heated steam airless drying system. The Daybrook plant in Empire is typically the largest processor of menhaden in the world. Daybrook has an on-site laboratory and is HACCP certified by GMP+ and NOAA Fisheries. Daybrook is also certified Marine Trust (IFFO-RS) by SAI Global as a responsible supplier. The Marine Stewardship Council (MSC) certified the Gulf Menhaden resource allowing Daybrook to sell all of its products under the coveted sustainability eco-label.

### PRODUCT SPECIFICATIONS

#### Proximate Composition

	Typical	Range
Crude Protein (%)	64.9	(Min) 64 – 66
Moisture (%)	7.8	7 – 10 (Max)
Fat (%)	9.6	8 – 10 (Max)
Ash (%)	19.5	16 - 21
Digestibility (0.0002%)	92.5	92 - 95
TVN (mg/100g)	56	40 – 120 (Max)
Histamine (ppm)	62	10 – 500 (Max)

#### Amino Acids (g/100 g)

Lysine	5.1
Alanine	4.1
Valine	3.0
Threonine	2.7
Arginine	4.0
Isoleucine	2.6
Serine	2.5
Glutamic acid	8.5
Histidine	1.5
Aspartic acid	5.9
Proline	3.1
Tyrosine	2.0
Leucine	4.5
Glycine	4.8
Phenylalanine	2.5
Tryptophan	0.7
Methionine	1.8
Cysteine	0.5

#### Micro and Macro Minerals (mg/kg)

Aluminum	1349
Arsenic	4.0
Cadmium	0.099
Calcium	50253
Copper	2.9
Iron	723
Manganese	51
Magnesium	1921
Nickel	1.1
Phosphorus	31023
Potassium	8829
Selenium	2.0
Sodium	6527
Zinc	95

#### Vitamins (IU/100 g)

Vitamin A (total)	80.4
Vitamin D	203.5
Vitamin E	2.03

