



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 or BLUE is treated with BHT.

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 indirect 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 MarinTrust (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 (%)	9.7	8 – 10 (Max)
Ash (%)	19.4	16 - 21
Digestibility (0.0002%)	92.5	92 - 95
TVN (mg/100g)	55	40 – 120 (Max)
Histamine (ppm)	59	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	1.9
Cysteine	0.5

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

Aluminum	1349
Arsenic	4.0
Cadmium	0.092
Calcium	50792
Copper	2.9
Iron	723
Manganese	52
Magnesium	1919
Nickel	1.1
Phosphorus	30837
Potassium	8735
Selenium	2.0
Sodium	6343
Zinc	100

#### Vitamins (IU/100 g)

Vitamin A (total)	97.5
Vitamin D	228.9
Vitamin E	1.67



Data found in this report comes from certified analysis by Eurofins/ERGO – Germany, Thionville Labs – USA and compiled by Daybrook Quality and Process Control Laboratory.