



SPECIAL SELECT™ MENHADEN MEAL

"Special Select" fish meal differs from conventional regular grade fish meal in the quality and freshness of the raw material. "Special Select" meal is produced from a single species of fish, the Menhaden. The Menhaden are delivered chilled and whole to the processing facility in modern refrigerated vessels where they are immediately processed. This immediate processing technique allows OPI to optimize the quality of the meal through low temperature drying conditions and stabilization at the time of manufacture. The product is therefore of high protein quality, showing enhanced digestibility.

PRODUCT SPECIFICATIONS

PROXIMATE COMPOSITION:

	Typical	Range
Crude Protein	64.2	* (min) 62 - 65
Fat	8.9	8 - 12
Moisture	8.4	7 - 11
Ash	18.6	17 - 21
Digestibility (0.0002%)	92.8	* (min) 92 - 95
TVN	0.14	0.10 - 0.16 (max)*
Histamine (PPM)	250	50 - 500 (max)*

* signifies guarantee level

AMINO ACIDS
% OF SAMPLE:

Aspartic Acid	5.8
Threonine	2.7
Serine	2.5
Glutamic Acid	8.6
Proline	3.3
Glycine	4.8
Alanine	4.2
Cystine	0.6
Valine	3.2
Methionine	2.2
Iso-Leucine	2.7
Leucine	4.6
Tyrosine	2.1
Phenylalanine	2.5
Histidine	1.8
Lysine	5.0
Arginine	4.0
Tryptophane	0.5
Taurine	0.5
Hydroxyproline	1.4

MICRO AND MACRO
MINERALS (PPM):

Aluminum	760.8
Barium	16.9
Boron	5.0
Calcium	47581.3
Chromium	4.0
Copper	4.3
Iron	801.1
Magnesium	2146.2
Manganese	44.1
Phosphorus	30139.2
Potassium	10633.8
Selenium	2.2
Sodium	7373.4
Strontium	63.3
Zinc	97.8

VITAMINS, MG/LB
(LITERATURE VALUES):

Biotin	0.1
Choline	1360.0
Folic Acid	0.1
Niacin	25.0
Pantothenic Acid	4.0
Thiamine (B1)	0.3
Riboflavin (B2)	2.2
Pyridoxine (B6)	2.7
Cyanocobolamine (B12)	0.1
a-Tocopherol (IU/#)	9.5

