

MENHADEN FISH MEAL

BADGER INGREDIENTS INC & INGREDIENT LOGISTICS LLC



PRODUCT DESCRIPTION:

Menhaden Meal is the clean, dried, ground tissue of undecomposed whole fresh Gulf or Atlantic Menhaden fish or menhaden fish cuttings, either or both, with or without the extraction of part of the oil. If it contains more than 3% salt, the amount of salt must constitute part of the product name, provided that in no case must the salt content of this product exceed 7%. The label should guarantee the minimum crude protein, minimum crude fat maximum crude fiber, minimum phosphorus (P) and minimum and maximum calcium (Ca). The raw material must be fresh at the time of processing and processed in a manner that is consistent with protein meal rendering. No decomposed or decomposing material is allowed.

PHYSICAL PROPERTIES:

Color: Light grey or light brown to medium brown

Taste/Aroma: Mild fish odor, with no putrid, rancid, acid sour or non-typical odors

Particle Size*: 100% through #7 US standard screen or 98% through #10 US standard screen

*Free from evidence of infestation and foreign material as per 21 CFR 121

PROPERTY	MINIMUM	TARGET (TRIM MEAN)	MAXIMUM
MOISTURE	3%	8.14 %	10%
CRUDE PROTEIN	60%	64.76%	
CRUDE FAT	8%	12.15%	13%
ASH		19.97%	22%
PEROXIDE VALUE			20 MEQ/KG FAT
HISTAMINE			300 PPM
TVN			120 MG/100 G

CHEMICAL & MICROBIOLOGICAL REQUIREMENTS

PROPERTY	LIMITS
PESTICIDES	EPA/FDA COMPLIANT
ORGANOPHOSPHATES	EPA/FDA COMPLIANT
CHLORINATED HYDROCARBONS	EPA/FDA COMPLIANT
ENTEROBACTERIACEAE	N=5; C=1; M=2500; M=10,000

