

# SARDINE MEAL

BADGER INGREDIENTS INC & INGREDIENT LOGISTICS LLC



## **PRODUCT DESCRIPTION:**

Sardine Meal is the clean, dried, ground tissue of undecomposed whole sardines or sardine 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 brown to medium brown

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

**Particle Size:** 97% through #114 screen

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

<b>PROPERTY</b>	<b>MINIMUM</b>	<b>MAXIMUM</b>
MOISTURE	4%	10%
CRUDE PROTEIN	65%	
CRUDE FAT	7%	
ASH		18%
SALT		3%
PV		15 MEQ/KG FAT
TVN		120 mgN/100 g

## **CHEMICAL & MICROBIOLOGICAL REQUIREMENTS:**

<b>PROPERTY</b>	<b>LIMITS</b>
PESTICIDES	EPA/FDA COMPLIANT
ORGANOPHOSPHATES	EPA/FDA COMPLIANT
CHLORINATED HYDROCARBONS	EPA/FDA COMPLIANT
ENTEROBACTERIACEAE	N=5; C=1; M=2500; M=10,000
HISTAMINE	300 PPM
BIOGENIC AMINES	1000 PPM

