

# FISH MEAL



## SPECIFICATIONS

One of the most noble natural ingredients available to feed fish and animals. This protein has a very high content of digestible essential amino acids, necessary for the

growth and immunological strength of the animals. We produce fish meal only from wild catch fish, mainly jack mackerel, sardine and anchovy.

### Use

Aquaculture, Pigs, Poultry, Cattle, Pets

### Species

Jack Mackerel, Sardines, Anchovy

### Appearance

Brown Powder

### Bag

Polypropylene Maxi Bag (1250 Kg)  
/ Individual 25 kg bags

### Weight

1250 kg / 25 kg

### Expiration

24 Month after production date

Parameter	Unit	EEL Grade	Super Prime	Prime
Protein crude	%	69	68	67
Crude fat	%	10	10	10
Moisture	%	10	10	10
FFA	%	7,5	7,5	10
Ash	%	15	15	16
Salt and sand	%	4	4	4
TVN (N2 total volatil)	mg/100 g	100	120	120
Histamine	mg/kg	500	500	1000

HEAVY METAL	
Mercury mg/kg	≤ 0,5
Cadmium mg/kg	≤ 2
Lead mg/kg	≤ 10
Chrome mg/kg	≤ 8
Organochlorine (mg/kg)	
- Dieldrin	≤ 0.1
- Toxaphene	0.2
- Chlordan	0.05
- DDT (DDT+DDD+DDE)	0.5
- Endosulfan	0.1
- Endrin	0.05
- Heptachlor	0.2
- HCH - α	0.2
- HCH - β	0.1
- HCH - γ	0.2
Melamin (mg/kg)	≤ 2.5

MICROBIOLOGICAL PARAMETERS	
Total Bacteria count ufc/g	≤ 2x10 <sup>6</sup>
Enterobacterias ufc/g	≤ 300
Salmonella	Absence
Aspergillus	Absence
Fungi and yeast ufc/g	≤ 20.000
Shigella	Absence

### SANTIAGO - CHILE HEADQUARTERS

AV. TAJAMAR 183  
OF. 702. LAS CONDES  
TEL. (56) 2 2233 7151  
landes@landes.cl

### TALCAHUANO - CHILE PROCESSING PLANT AND STORE

ISLA ROCUANT S/N  
CASILLA 288  
TEL. (56) 41 285 7000

### CHILÓÉ - CHILE PROCESSING PLANT AND STORE

ASTILLEROS S/N  
DALCAHUE  
TEL. (56) 65 264 1701

**LANDES**®



(\*) All values above are referential; they are historical averages of the normal contents in our production.

