

# NORSEMAT

## PRODUCTION PROCESS

NorseNat is a special fishmeal produced at factories certified by Debio and Naturland. Only raw material from wild fish is used. NorseNat is a whole meal dried in a multiple drying process with all solubles included. The most effective chemical and salmonella control is carried out ensuring that the meal is of approved quality before shipment. NorseNat is produced without synthetic preservatives and is added a natural antioxidant.

SPECIFICATIONS	MIN	TYPICAL	MAX
Protein		71,0 %	
Moisture	5,0 %		10,0 %
Fat (Soxhlet)			13,0 %
Ash, without salt			14,0 %
Salt (NaCl)			4,5 %
Total Volatile Nitrogen (TVN)			0,20 %
Cadaverine			1,8 g/kg
Histamine			0,7 g/kg
Salmonella		not detected	
Antioxidant		natural	
Contaminants		EU limits	

## APPLICATIONS

According to Norwegian regulations/Debio and Naturland, NorseNat is accepted as an ingredient in feeds for organic production.

AMINO ACIDS, AVERAGE VALUES	g/100g PRODUCT	MINERALS	%
Lysine	8,1	Calcium	3,3
Methionine	3,1	Phosphorus	1,9
Cystine	1,3	Sodium	1,2
Arginine	6,1	Potassium	1,5
Threonine	4,4		
Thryptophan	1,1		
Aspartic acid	9,0		
Glutamic acid	13,6		
Glycine	6,5		
Histidine	2,0		
Alanine	6,5		
Proline	4,2		
Tyrosine	3,2		
Valine	4,8		
Isoleucine	4,3		
Leucine	7,8		
Phenylalanine	4,0		