



NORSE-MPC

NORSE – MPC

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PRODUCTION PROCESS

Norse-MPC is a marine protein concentrate based on category 3 by-product of salmon mixed with 2 % formic acid. By hydrolyzing the silage with the natural enzymes of the fish, the proteins are split and thereby increasing the feed value. It has a high protein digestion with a very stable amino acid and fatty combination. As a result of heat treatment, low pH and antioxidants, Norse-MPC is very stable for storage.

APPLICATIONS

Norse-MPC is used as a feeding supplement for fish, pigs, poultry, pets and fur animals. It is an excellent protein source in fish feed (excluding salmon feed). Norse-MPC is in liquid form with a dry matter ingredient of approx. 50 %. The product contains proteins with good technical properties. This gives improved pellet quality when used as additive in dry feed.

SPECIFICATIONS

SPECIFICATIONS	MIN	TYPICAL	MAX
Protein		35,0 %	
Fat (Soxhlet)		4,0 %	
Fat (Soxhlet)		6,0 %	
Salt (NaCl)		1,75 %	
Dry Matter		50,0 %	
pH			4,0
Cadaverine			0,9 g/kg
Histamine			0,3 g/kg
Biological digestible protein (mink)	90,0 %		
Salmonella		EU limits	
Antioxidant		SPECIF	
Contaminants		SPECIFIC	

AVERAGE VALUES

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