

2.2.3/2.2.4 Summary of ingredients 2023- basic raw material – origin

Ingredient	Origin
Beans white pea split	Chile
Feather Meal Hydro	Argentina – Brazil – France – Netherlands - United Kingdom - United States
Fish meal from trimmings	Chile
Fish meal GQH basis67%CP	Chile
Fish meal SQ	Chile
Fish oil cru low min20%EPA+DHA	Chile – China - Ecuador – Mexico – Oman – Peru - United States
Fish Soluble	Argentina
Fishoil Crude High	Chile- China – Ecuador – India – Japan – Mexico – Morocco – Oman – Peru – Philippines - South Africa - United States - Vietnam
Maize Gluten meal 60%CP	Argentina - United States
Mix Policap fish/palm hydr oil	Chile - Colombia
Oat Hulless Whole	Chile
Porcine hemoglobine	Belgium – Brazil – Germany – Poland - United Kingdom
Porcine meal	Brazil – France – Germany - Spain
Poultry blood meal	Germany
Poultry meal	Brazil - Germany
Poultry meal HP	Brazil – Chile – France – Spain - United Kingdom - United States
Rape seed Omega3 crude Deg oil	United States
Rapeseed oil crude Deg NGMO	Paraguay - Uruguay
Rapeseed oil crude NGMO	Canada – Chile – Paraguay - Uruguay
Soy Lecithin Liq	Argentina
Soy protein concentrate GMO	Brazil - United States
Soybean oil crude Deg	Argentina
Sunflower meal 41% CP	Bolivia
Tapioca starch	Chile - Colombia
Veg oil Hyd (palm)	Chile
Vegetable Oil Blend	Chile
Wheat	Chile
Wheat Flour High Viscosity	Chile
Wheat gluten vital	Belgium – China - Italy
Wheat gluten vital pellets	Belgium

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4.1.5/ 4.1.6 2023 Volume-of-Marine-Ingredients-and-MSL- Osorno Report

Report title
Indicators

Volume of Marine Ingredients and MSL Report, v1.0
4.1.5 and 4.1.6

Instructions

This template is intended for reporting UoC volume of marine ingredients used and majority sustainability level (MSL) to ASC.
For initial audits, the calculation period is the 24 months prior to the initial audit. After initial certification, the calculation period is per calendar year (January to December).
Indicate the volume of whole fish and by-products in metric tonnes, used in aquafeed.
Indicate the volume of whole fish scoring at each category in aquafeed. Note that there may be whole-fish which does not score at any Category.
The MSL is then calculated.
Only enter data in blue cells.



Table 1. Volume of whole fish, by-products and whole fish by category

	Volume (metric tonnes)	
All marine	21222	
By-products	369	Provide the volume of fishery by-products in aquafeed (metric tonne)
Whole fish	20853	Provide the volume of whole fish in aquafeed (metric tonne)
Category 1	0	Provide the volume of Category 1 whole fish included in aquafeed (metric tonne)
Category 2	16940	Provide the volume of Category 2 whole fish included in aquafeed (metric tonne)
Category 3	0	Provide the volume of Category 3 whole fish included in aquafeed (metric tonne)
Category 4	361	Provide the volume of Category 4 whole fish included in aquafeed (metric tonne)

Table 2. Percentage of whole fish marine ingredients per category

Category	Percentage (%)	
Category 1	0	This is the percentage of whole fish marine ingredients in Category 1
Category 2	81	This is the percentage of whole fish marine ingredients in Category 2
Category 3	0	This is the percentage of whole fish marine ingredients in Category 3
Category 4	2	This is the percentage of whole fish marine ingredients in Category 4

Majority Sustainability Level Level 2



4.1.5/ 4.1.6 2023 Volume-of-Marine-Ingredients-and-MSL- Pargua Report

Report title Volume of Marine Ingredients and MSL Report, v1.0
Indicators 4.1.5 and 4.1.6

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The MSL is then calculated.
Only enter data in blue cells.



Table 1. Volume of whole fish, by-products and whole fish by category

	Volume (metric tonnes)	
All marine	18575	
By-products	0	Provide the volume of fishery by-products in aquafeed (metric tonne)
Whole fish	18575	Provide the volume of whole fish in aquafeed (metric tonne)
Category 1	200	Provide the volume of Category 1 whole fish included in aquafeed (metric tonne)
Category 2	13512	Provide the volume of Category 2 whole fish included in aquafeed (metric tonne)
Category 3	0	Provide the volume of Category 3 whole fish included in aquafeed (metric tonne)
Category 4	447	Provide the volume of Category 4 whole fish included in aquafeed (metric tonne)

Table 2. Percentage of whole fish marine ingredients per category

Category	Percentage (%)	
Category 1	1	This is the percentage of whole fish marine ingredients in Category 1
Category 2	73	This is the percentage of whole fish marine ingredients in Category 2
Category 3	0	This is the percentage of whole fish marine ingredients in Category 3
Category 4	2	This is the percentage of whole fish marine ingredients in Category 4

Majority Sustainability Level Level 2