

2.2.3/2.2.4 Summary of ingredients - basic raw material – origin - 2025

Ingredient	Origin
Beans white pea split	Chile
Feather Meal Hydro	Argentina – Brasil – France – Portugal – Reino Unido - Estados Unidos
Fish meal from trimmings	Argentina - Chile
Fish meal	Chile
Fish oil	Estados Unidos – Chile – Mexico – Perú – Marruecos - Sudáfrica
Fish Soluble	Argentina
Acid Oil Mix	Chile
Algae oil	United States
Maize Gluten meal	Argentina - Estados Unidos – Brasil
Veg oil Hyd (palm)	Chile
Porcine hemoglobine	Bélgica – Brasil – Alemania – Polonia - Reino Unido- Argentina
Porcine meal	Brasil – Francia – Alemania – Italia – Estados Unidos
Poultry meal HP	Brasil – Chile – Francia– España – Reino Unido – Estados Unidos - Argentina
Rapeseed oil	Chile – Paraguay – Estados Unidos
Rapeseed expeller meal	Chile
Soy Lecithin Liq	Argentina
Soy protein concentrate	Brasil
Soybean meal	Argentina - Brasil
Sunflower meal	Bolivia
Tapioca starch	Paraguay
Wheat	Chile
Wheat Flour	Chile
Wheat gluten	Argentina – China

2.2.10 Due-Diligence-Pathways-and-Low-Risk-Plant-Ingredients-Report-v1.0-1-Osorno - 2025

Report title	Due Diligence Pathways and Low Risk Plant Ingredients Report. v1.0
Indicators	2.2.10 and 5.1.12
Instructions	<p>This template is intended for reporting both a) outcomes of the Due Diligences carried out under Principle 2 and the respective pathways to ASC, and b) an overview of plant ingredients determined to be low risk under Principle 5 and the respective pathways chosen. Reporting is at a UoC level and on an annual basis.</p> <p>The UoC should select the type of assessment (whether ingredient manufacturer or plant/marine primary raw material), noting that 'plant primary raw material 5.1.5' refers to the additional due diligence assessment required under Principle 5 for legal deforestation/conversion.</p> <p>The UoC enters the date the assessment was conducted.</p> <p>The UoC selects the primary raw material assessed (if applicable). If primary raw material is not listed, the UoC enters the common name and latin name.</p> <p>The UoC selects the country of location (ingredient manufacturer) or production (plant primary raw material). For marine primary raw material, the country of the flag state is used (as per pathway 1 Country Score Card), unless pathway 2/3/4 are chosen in which case 'Fishery' is selected as the Country of location.</p> <p>The UoC selects which pathway was chosen to demonstrate low risk for each risk factor (legal, social and environmental). For plant primary raw material 5.1.5 assessments, only the environmental risk factor applies.</p> <p>A new row should be added for each assessment.</p> <p>Only enter data in the blue cells.</p>



UoC Assessment	Pathway 1	Pathway 2	Pathway 3	Pathway 4	Total
Ingredient Manufacturer (2.2.5)	36	0	0	15	51
Marine Primary Raw Material (2.2.6.0)	0	0	0	3	3
Plant Primary Raw Material (2.2.6)	24	0	0	9	33

Type of Assessment	Date of Due Diligence Assessment (yyyy-mm-dd)	Primary Raw Material *common name (latin name)*	Country of location/production (select 'Fishery' if not using Pathway 1 for Marine)	Pathway chosen to demonstrate Low Risk for Legal risk	Pathway chosen to demonstrate Low Risk for Social risk	Pathway chosen to demonstrate Low Risk for Environmental risk
Ingredient Manufacturer (2.2.5)		n.a.	United Kingdom	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Ingredient Manufacturer (2.2.5)		n.a.	Germany	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Ingredient Manufacturer (2.2.5)		n.a.	Chile	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Ingredient Manufacturer (2.2.5)		n.a.	Chile	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Ingredient Manufacturer (2.2.5)		n.a.	Chile	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Ingredient Manufacturer (2.2.5)		n.a.	Chile	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Ingredient Manufacturer (2.2.5)		n.a.	United States	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Ingredient Manufacturer (2.2.5)		n.a.	United States	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Ingredient Manufacturer (2.2.5)		n.a.	United States	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Ingredient Manufacturer (2.2.5)		n.a.	Chile	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Ingredient Manufacturer (2.2.5)		n.a.	Chile	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Ingredient Manufacturer (2.2.5)		n.a.	Chile	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Ingredient Manufacturer (2.2.5)		n.a.	Chile	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Ingredient Manufacturer (2.2.5)		n.a.	Brazil	Pathway 4 - Certification	Pathway 4 - Certification	Pathway 4 - Certification
Ingredient Manufacturer (2.2.5)		n.a.	Brazil	Pathway 4 - Certification	Pathway 4 - Certification	Pathway 4 - Certification
Ingredient Manufacturer (2.2.5)		n.a.	Argentina	Pathway 4 - Certification	Pathway 4 - Certification	Pathway 4 - Certification
Ingredient Manufacturer (2.2.5)		n.a.	Argentina	Pathway 4 - Certification	Pathway 4 - Certification	Pathway 4 - Certification
Ingredient Manufacturer (2.2.5)		n.a.	China	Pathway 4 - Certification	Pathway 4 - Certification	Pathway 4 - Certification
Marine Primary Raw Material		Fishoil Crude High	Chile	Pathway 4 - Certification	Pathway 4 - Certification	Pathway 4 - Certification
Plant Primary Raw Material (2.2.6)		Maize	United States	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Plant Primary Raw Material (2.2.6)		Maize	United States	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Plant Primary Raw Material (2.2.6)		Maize	United States	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Plant Primary Raw Material (2.2.6)		Wheat	United States	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Plant Primary Raw Material (2.2.6)		Rapeseed oil crude	Chile	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Plant Primary Raw Material (2.2.6)		Rapeseed oil crude	Chile	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Plant Primary Raw Material (2.2.6)		Wheat	Chile	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Plant Primary Raw Material (2.2.6)		Wheat	Chile	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card	Pathway 1 - Country Score Card
Plant Primary Raw Material (2.2.6)		Soy	Argentina	Pathway 4 - Certification	Pathway 4 - Certification	Pathway 4 - Certification
Plant Primary Raw Material (2.2.6)		Soy	Argentina	Pathway 4 - Certification	Pathway 4 - Certification	Pathway 4 - Certification
Plant Primary Raw Material (2.2.6)		Soy	Brazil	Pathway 4 - Certification	Pathway 4 - Certification	Pathway 4 - Certification
Plant Primary Raw Material (5.1.5)		Maize (cat 2)	United States	N/A	N/A	Pathway 1 - Country Score Card
Plant Primary Raw Material (5.1.5)		Maize (cat 2)	United States	N/A	N/A	Pathway 1 - Country Score Card
Plant Primary Raw Material (5.1.5)		Maize (cat 2)	United States	N/A	N/A	Pathway 1 - Country Score Card
Plant Primary Raw Material (5.1.5)		Rapeseed oil crude (Cat 2)	Chile	N/A	N/A	Pathway 1 - Country Score Card
Plant Primary Raw Material (5.1.5)		Rapeseed oil crude (Cat 2)	Chile	N/A	N/A	Pathway 1 - Country Score Card
Plant Primary Raw Material (5.1.5)		Soy (cat 1)	Argentina	N/A	N/A	Pathway 4 - Certification
Plant Primary Raw Material (5.1.5)		Soy (cat 1)	Argentina	N/A	N/A	Pathway 4 - Certification
Plant Primary Raw Material (5.1.5)		Soy (cat 1)	Brazil	N/A	N/A	Pathway 4 - Certification

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4.1.5/ 4.1.6 Volume-of-Marine-Ingredients-and-MSL - Osorno-Pargua Report - 2025

Report title	Volume of Marine Ingredients and MSL Report, v1.0
Indicators	4.1.5 and 4.1.6
Instructions	<p><i>This template is intended for reporting UoC volume of marine ingredients used and majority sustainability level (MSL) to ASC.</i></p> <p><i>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).</i></p> <p><i>Indicate the volume of whole fish and by-products in metric tonnes, used in aquafeed.</i></p> <p><i>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.</i></p> <p><i>The MSL is then calculated.</i></p> <p>Only enter data in blue cells.</p>



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

	Volume (metric tonnes)	
All marine	40875	
By-products	9244	Provide the volume of fishery by-products in aquafeed (metric tonne)
Whole fish	31631	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	0	Provide the volume of Category 2 whole fish included in aquafeed (metric tonne)
Category 3	24715	Provide the volume of Category 3 whole fish included in aquafeed (metric tonne)
Category 4	4261	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	0	This is the percentage of whole fish marine ingredients in Category 2
Category 3	78	This is the percentage of whole fish marine ingredients in Category 3
Category 4	13	This is the percentage of whole fish marine ingredients in Category 4

Majority Sustainability Level Level 3

1.21.5 - Greenhouse Gas Emissions (GHG) Osorno-Pargua Report - 2025

Only enter data in blue cells.




Table 1. Production year
 Year of production (yyyy)

Table 2. GHG emissions by scope

Emissions scope	GHG emissions per tonne of ASC compliant feed (kg CO ₂ -eq/t)	
	Biophysical (mass) model	Economic model
Scope 1		17
Scope 2		
Scope 3		1685
Total	0	1702

Table 3. GHG emissions by category

Emissions category	Biophysical (mass) model	Economic model
Fossil emissions		1038
Biogenic emissions		228
Land use change emissions		419
Unspecified emissions		17
Total	0	1702

Table 4. GHG emission by Input / Activity

Input / Activity	Quantity (kg/t)	Biophysical (mass) model	Economic model
Soy crop inputs	119		435
Other crop inputs	455		555
Reduction fishery inputs	180		196
Fishery by-product inputs	3		2
Poultry / livestock inputs	188		164
Other feed inputs	56		187
Transport and milling			163
Total	1001	0	1702