



## MarinTrust Standard V2

### By-product Fishery Assessment *Mackerel in ICES Subareas 1-8 & 14, and Division 9a*

**MarinTrust Programme**

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**Table 1 Application details and summary of the assessment outcome**

Fishery Under Assessment	Species:	Mackerel ( <i>Scomber scombrus</i> )
	Geographical area:	ICES Subareas 1-8 and 14, and Division 9a (Northeast Atlantic and adjacent waters)
	Country of origin of the product:	Spain
	Stock:	ICES Subareas 1-8 and 14, and Division 9a
Date	August 2022	
Report Code	ESP13	
Assessor	Sam Peacock	
Country of origin of the product - PASS	Spain	
Country of origin of the product - FAIL	None	

Application details and summary of the assessment outcome			
Company Name(s): Sarval Bio-Industries			
Country:			
Email address: <a href="mailto:maria.mato@sarval.es">maria.mato@sarval.es</a>		Applicant Code:	
Certification Body Details			
Name of Certification Body:		LRQA	
Assessor	Peer Reviewer	Assessment Days	Initial/Surveillance/ Re-approval
Sam Peacock	Jose Peiro Crespo	0.25	Surveillance
Assessment Period	August 2022		

Scope Details	
Main Species	Mackerel ( <i>Scomber scombrus</i> )
Stock	ICES Subareas 1-8 and 14, and Division 9a
Fishery Location	ICES Subareas 1-8 and 14, and Division 9a (Northeast Atlantic and adjacent waters)
Management Authority (Country/ State)	EU
Gear Type(s)	Purse seine & pelagic trawl
Outcome of Assessment	
Peer Review Evaluation	Agree with assessor's determination
Recommendation	Approved

## Table 2. Assessment Determination

<b>Assessment Determination</b>
<p>Mackerel is categorised by the IUCN Red List as Least Concern and does not appear in the CITES appendices. Mackerel in the Northeast Atlantic is managed under a TAC, and target and limit reference points are established, therefore the byproduct was assessed under Category C. All fishery removals are included in the stock assessment process and SSB is currently estimated to be higher than the target and limit reference points. Mackerel in the Northeast Atlantic meets the MarinTrust byproduct requirements and should therefore be approved for use as a raw material.</p>
<b>Fishery Assessment Peer Review Comments</b>
<p>The assessor correctly classified the Atlantic mackerel in ICES Subareas 1-8 and 14, and Division 9a (Northeast Atlantic and adjacent waters) as category C species as the stock is managed and reference points are defined.</p> <p>A stock assessment is conducted annually by the ICES Working Group on Widely Distributed Stocks (WGWIDE). Fishery removals are considered in the stock assessment process. The most recent ICES advice, published in September 2021, estimated that <math>SSB_{2021}</math> was considerably higher than the target and limit reference points.</p> <p>Therefore, the Atlantic mackerel in ICES Subareas 1-8 and 14, and Division 9a (Northeast Atlantic and adjacent waters) may be approved under the Marin Trust v 2.0 by-products standard.</p>
<b>Notes for On-site Auditor</b>

## Species Categorisation

**NB:** If any species is categorised as Endangered or Critically Endangered on the IUCN Red List, or if it appears in CITES Appendix 1, it **cannot** be approved for use as a MarinTrust raw material.

### IUCN Red list Category

By-product material from a species listed by IUCN (the International Union for Conservation of Nature) under the Red List for the following categories shall immediately fail the assessment;

- EXTINCT (E) AND EXTINCT IN THE WILD (EW)
- CRITICALLY ENDANGERED (CR) facing an extremely high risk of extinction in the wild.
- ENDANGERED (EN) facing a very high risk of extinction in the wild.

By-product material may be used from the following categories provided that all clauses in the MarinTrust standard are passed.

- VULNERABLE (VU) facing a high risk of extinction in the wild.
- NEAR THREATENED (NT) does not qualify for above now, but is close or is likely to qualify for, a threatened category in the near future.
- LEAST CONCERN (LC) Widespread and abundant.
- DATA DEFICIENT (DD) and NOT EVALUATED (NE)

## Table 3 Species Categorisation Table

Common name	Latin name	Stock	Management	Category	IUCN Red List Category <sup>1</sup>	CITES Appendix 1 <sup>2</sup>
Mackerel	<i>Scomber scombrus</i>	ICES Subareas 1-8 and 14, and Division 9a	Yes	C	Least Concern <sup>3</sup>	No

<sup>1</sup> <https://www.iucnredlist.org/>

<sup>2</sup> <https://cites.org/eng/app/appendices.php>

<sup>3</sup> <https://www.iucnredlist.org/species/170354/6764313>

## CATEGORY C SPECIES

In a by-product assessment, Category C species are those which are subject to a species-specific management regime and are usually targeted species in fisheries for human consumption.

Clause C1 should be completed for each Category C species. If there are no Category C species in the fishery under assessment, this section can be deleted. Where a species fails this Clause, it should be assessed as a Category D species instead.

Species Name		Mackerel ( <i>Scomber scombrus</i> )	
C1	Category C Stock Status - Minimum Requirements		
	C1.1	Fishery removals of the species in the fishery under assessment are included in the stock assessment process, OR are considered by scientific authorities to be negligible.	PASS
	C1.2	The species is considered, in its most recent stock assessment, to have a biomass above the limit reference point (or proxy), OR removals by the fishery under assessment are considered by scientific authorities to be negligible.	PASS
			Clause outcome: PASS
<p><b>C1.1 Fishery removals of the species in the fishery under assessment are included in the stock assessment process, OR are considered by scientific authorities to be negligible.</b></p> <p>A stock assessment is conducted annually by the ICES Working Group on Widely Distributed Stocks (WGWIDE). The most recent assessment used catch data and included an estimate of discards, which are considered negligible. The annual ICES advice includes a section on “issues relevant for the advice” where any concerns over the robustness of data are raised; in the most recent advice this section does not include any concerns regarding the catch data. All fishery removals are included in the assessment and C1.1 is met.</p>			
<p><b>C1.2 The species is considered, in its most recent stock assessment, to have a biomass above the limit reference point (or proxy), OR removals by the fishery under assessment are considered by scientific authorities to be negligible.</b></p> <p>Biomass reference points are established for the stock. The target reference points MSY <math>B_{trigger}</math> and <math>B_{pa}</math> are set at 2,580,000t. The limit reference point <math>B_{lim}</math> is set at 2,000,000t. The most recent ICES advice, published in September 2021, estimated that SSB at spawning time in 2021 would be 3,510,849t, considerably higher than the target and limit reference points. The advice states that “Fishing pressure on the stock is below <math>F_{MSY}</math>, <math>F_{pa}</math>, and <math>F_{lim}</math>, and spawning-stock size is above MSY <math>B_{trigger}</math>, <math>B_{pa}</math>, and <math>B_{lim}</math>” (ICES 2022). The stock biomass is currently considered to be above the limit reference point and C1.2 is met.</p>			
<p>Mackerel in ICES Subareas 1-8 and 14, and Division 9a. SSB trends relative to reference points (ICES 2022).</p>			

**References**

ICES (2021). Mackerel (*Scomber scombrus*) in subareas 1-8 and 14 and division 9.a (the Northeast Atlantic and adjacent waters). In Report of the ICES Advisory Committee, 2021. ICES Advice 2021, mac.27.nea. <https://doi.org/10.17895/ices.advice.7789>

**Links**

<b>MarinTrust Standard clause</b>	1.3.2.2
<b>FAO CCRF</b>	7.5.3
<b>GSSI</b>	D.3.04, D5.01