



Lovering Foods Product Safety & Quality Management System

Title: LF Rec 07.2 (3.6) Master Specification - Customer Submissions

Section 1

Product identification number / LF number <i>(where applicable)</i>	LF4488
Product name	MSC Tuna Chunks in Brine
Product legal name	Tuna Chunks in Brine
Specification version number	V2
Date of completion	03.07.2023
Completed by	Lauren Johnstone

Section 2

Ingredient <i>(Include allergens in bold)</i>	%	Specification <i>(for fish include species, catch method and sustainability information)</i>
Skipjack Tuna (Fish)	70	Tuna prepared from clean, gutted fish of the species <i>Katsuwonus pelamis</i> . MSC fish caught Purse Seine in catchment area FAO 51 or 57.
Water	29	Potable in conformity with the latest EU/W.H.O. International Standards for Drinking Water.
Salt	1	Food Grade non-iodised salt.
Label Ingredient Declaration <i>(include allergens in bold)</i>		
Skipjack Tuna (<i>Katsuwonus pelamis</i>) (Fish), Water, Salt.		

Section 3

Net weight <i>(and weight system)</i>	400g e (Packed to average weight)
Drained weight <i>(if applicable)</i>	280g
Shelf life unopened <i>(including storage instructions)</i>	3 years
Shelf life opened <i>(including storage instructions)</i>	2 days once opened when stored according to the specified-on pack instructions.
Storage and Transport Conditions	Ambient
Intended Use of Product	General consumption
Date of First Production <i>(if applicable)</i>	N/A

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Owner:	Andy Sayer	Technical Director
Approver:	John Sexton	Managing Director

Description of Production Process/Process Flow <i>(or attach HACCP Process Flow)</i>	Raw material receiving Sorting Weighing Washing Pre-cooking Skinning Cleaning Weighing Metal Detection Can filling Media addition Seaming Can washing Sterilisation Cooling Labelling Packing Palletising Shipment
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Section 4

Suitable for Vegetarians <i>(include justification)</i>	No – Contains Fish
Suitable for Vegans <i>(include justification)</i>	No – Contains Fish
Certified Halal <i>(yes / no)</i>	No
Certified Kosher <i>(yes / no)</i>	No
Certified Organic <i>(yes / no)</i>	No
Contains GMO ingredients <i>(yes / no)</i>	No
Contains Irradiated ingredients <i>(yes / no)</i>	No
Contains Palm Oil <i>(include RSPO status)</i>	No

Section 5

Product Parameter	Limit or Range <i>(detail if not applicable)</i>
Mercury	0.5ppm
Cadmium	0.1ppm max
Lead	0.3ppm
Tin	200ppm max
Histamine	50ppm max
Brix	N/A
pH	N/A
Viscosity	N/A
Fat %	N/A

Section 6

Safety Parameters	
Is the product commercially sterile <i>(yes / no)</i>	Yes
F ₀ value <i>(where applicable)</i>	6

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Detail any other safety parameters where the product is not commercially sterile through thermal processing (e.g. <i>Aw</i> or <i>pH</i>)	N/A
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Section 7

Nutrient	Value (per 100g or 100ml)	Source (e.g. McCance, Analytical)
Energy (kJ)	460	McCance
Energy (kcal)	109	McCance
Fat (g)	1.0	McCance
of which saturates (g)	0.3	McCance
Carbohydrate (g)	0	McCance
of which sugar (g)	0	McCance
Fibre (g)	0	McCance
Protein (g)	24.9	McCance
Salt (g)	0.90	McCance
Omega 3 (g) (where relevant)	N/A	N/A
State if the above values are from drained or undrained data		Drained

Section 8

Sensory Characteristics	
General	Each pack consists of a mixture of chunks and pieces of tuna, in which the original muscle structure is retained, and where the shortest side of the piece is not less than 12mm. Flake content to be no more than 30% in the finished product.
Appearance	Fairly bright and slightly non-uniform in colour, typical of species and country of origin. No dark bruising present. Some dark blood streaks or spotting may be present, but not sufficient to detract from the overall uniformity of the pack.
Composition	There shall be no large voids within its structure, but on turn-out the fish may tend to separate into large pieces. Chunks must be at least 70% of the drained weight.
Flavour and Aroma	Characteristic flavour and aroma of the species packed.
Texture	Flesh may be firm, but yielding to palate. Mouthfeel may be slightly dry.
Defects	Product will be free of any foreign matter, fins and viscera, bones, skin/scales, blood clots, blood meat over 3mm in size or major pre-cooker scorch.

Section 9

Packaging Component	Material	Weight (g)	Recyclable (Y/N)
Can	Tin Free Steel	63.5g	Y
Label	Paper	1.4g	Y
Carton	Cardboard	211g	Y

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Does food contact packaging comply with relevant EU food contact materials legislation (EU 1935/2004, EU 10/2011, EU 450/2009 and meet the relevant limits for migration for chemicals into food?	Yes
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On behalf of Lovering Foods

Name Lauren Johnstone	Date 03.07.2023
Position Technical Assistant	Signature <i>Lauren Johnstone</i>

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