

TECHNICAL SPECIFICATION

Product Name	Frozen M&S approved and Tesco Welfare Approved Duck Liver		
Legal Description	Frozen Duck Liver		
Size / Count	2x10kg		
Version Number	3	Date Created	01/12/2021

FORMULATION

INGREDIENT	SUB COMPONENT	ADDITIVE PURPOSE (and content in mg/kg)	TRADE NAME / VARIETY / GRADE / SOURCE (fresh / frozen / dried / reconstituted?)	COUNTRY OF ORIGIN	WEIGHT or VOL/ BATCH (kg)
Duck liver	-	-	Frozen, A grade, M&S Approved, Tesco Welfare Approved	UK	2x10kg

PRODUCT PROCESSING

A brief description of the product process.

Ducks are killed, bled, plucked in an GB approved slaughterhouse in accordance with all current regulations. Ducks are eviscerated and then inspected. Livers to be collected from M&S/TWA approved birds. 2x10kg of Duck Liver packed into a blue gas flush bags. Bag is folded on top and secured tightly with a square Health mark label. Two packs placed in box base as per picture. Freeze down to -18°C, lid on, case label applied, box is strapped and Health mark label applied. Boxes are palletised and kept frozen till dispatch. Vehicle used to be clean, free from odour and not used to carry anything capable of contaminating the product.

ALLERGY ADVICE

FREE FROM					
Sesame Seeds	✓	Sesame Seed Oil	✓	Egg	✓
Fish	✓	Cow's Milk	✓	Soya	✓
Lupin	✓	Gluten	✓	Wheat	✓
Rye	✓	Barley	✓	Oats	✓
Spelt	✓	Kamut	✓	Mustard	✓
Celery / Celeriac	✓	Sulphites / Sulphur dioxide >10ppm in final product			✓
Nuts – list types			NONE		
Crustacea / Molluscs / Shellfish – list types			NONE		
ALLERGEN INFORMATION	This product is free from allergens				

PRODUCT DESCRIPTION

General Description
Frozen M&S approved and TWA Duck Liver 2x10kg
Color / Appearance
Raw:

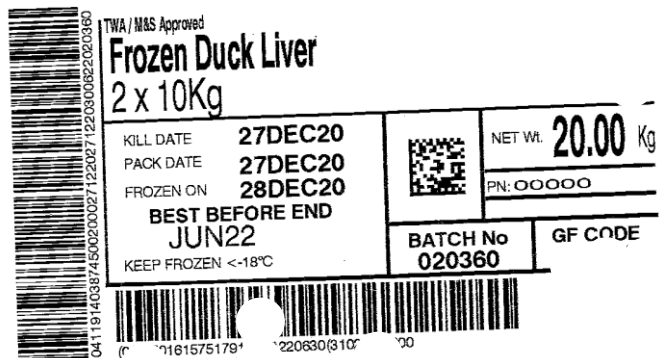
Texture and flavor
Raw: n/a product is sold raw
Aroma
Raw: n/a product is sold raw

PRODUCT PACKAGING

QTY	PACKAGING	Supplier	Dimension	Weight
PRIMARY PACKAGING				
2	Blue Gas Flush Bag	Krehalon UK	530x1000 70µ	71.9g
2	Health mark label	Reflex	75x75mm	1.4g
SECONDARY PACKAGING				
1	Box Base	Solidus	577x376x133mm	492g
1	Box Lid	Solidus	584x381x135mm	434g
1	Case end label	Reflex Labels	150x80mm	0.9g
2	Health mark label	Reflex Labels	75x75mm	0.7g
2	Plastic Strapping	Strapex U.K.	12mm	7g

PALLET CONFIGURATION	Packs per box	Boxes per layer	Layers per pallet	Cases per pallet	Type of Pallet
	2	5	10	50	WHITE PALLET

LABELS EXAMPLES



CODING AND SHELF LIFE

Traceability On the end case label, the following data will ensure full traceability of product.	Kill date		
	Pack date		
	Frozen on date		
	Best before date		
	Batch number		
	GF code (Gressingham code)		
The product shall exhibit a durability of	Kill +18 months	When stored at:	<-18°C
Essential storage instructions before opening:	Keep frozen <-18°C	Gas composition	N/A
Upon receipt into depot/store there shall be a minimum of	+6 months		

MICRO STANDARDS

Test	Upper Limit
Total Viable Count	10 ⁷
Coagulase positive Staphylococci	199
Enterobacteriaceae	10 ⁶
Pseudomonas sp.	10 ⁶
Escherichia coli	999

Nutritional Information from: - (Analytical, ALS Global.)

NUTRITIONAL TEST	100g
RAW	
energy kJ	499
energy kcal	118
Total Fat	4
Saturates	1.4
Mono unsaturates	1.2
Poly unsaturates	1.2
Available CHO	<0.5
Sugar	<0.5
Fibre	<0.5
Protein	20
Sodium	0.09
Salt	0.22

AMENDMENTS LOG

Version Number	Amendments Made	Name	Position	Date
1	Specification created		Specification Technologist	01/12/2021
2	Process steps updated		Specification Technologist	11/07/2022
3	Supplier site details updated		Specification Technologist	01/02/2023