

	<h1>Celeriac</h1>	
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Product Description	Fresh, Whole, Raw, Loose or pre-packed Celeriac		
Technical Description	Celeriac		
Variety / varieties	Best in Season (Including all varieties and types of Celeriac)		
Carton / Pack Weight - Kg	5, 5.5, 6, 7, 10, 11, 1000		
Count (Pieces / Packs per Carton)	If by count: 6, 8, 12		
Size	Conforms to current GB/EU GMS Standard (See Ref below)		
Piece weight range	Conforms to current GB/EU GMS Standard (See Ref below)		
Packaging Description	Cardboard boxes, nets or Plastic / Wood trays.		
Latin Name	Apium graveolens - var. rapaceum	EPPO Code	APUGR
GB 10 digit Commodity Code	07 06 90 10 00		
Delivery Temp	0C to 4C	Storage Temp	0C to 2C
Class	Conforms to current GB/EU GMS Standard (See Ref below)		
Labelling Requirements	<p>Best practice to include: Grower GGN, field identification, packer identification, packing date, harvest date.</p> <p>Must include as a minimum: Grower identification, trace code, weight, count, name of product and complies with UK regulations.</p>		
Shelf Life on Arrival at NWP	14 days	Shelf Life on Delivery	8 days
Product consumer	<p>Raw fresh product intended for use as a raw ingredient for processing or for onward sale.</p> <p>Intended to be prepared (washed or cooked, etc.) before use.</p>		
Intended Final Use	For all ages of consumers who are eating a solid food diet		
Product Variation	Country of Origin (COO), pack size, weight, count and packaging may vary in order to maintain consistent supply. Changes in COO, product size and packaging format to be agreed prior to purchase.		
GB/EU DEFRA Standards	<p>For current GB/EU Marketing standards please visit:</p> <p>https://www.gov.uk/guidance/comply-with-marketing-standards-for-fresh-fruit-and-vegetables#general-marketing-standard-gms</p>		

Supply Calendar:

MAIN COO	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Netherlands	X	X	X	X	X	X	X	X	X	X	X	X
UK	X	X	X	X	X	X	X	X	X	X	X	X
Contingencies												
France											X	X

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Allergens	Contained in product?	Special Dietary Requirement	Suitability
Celery	Yes – same family	Coeliac	Yes, free from gluten
Gluten	No	Halal	Yes, acceptable
Crustaceans	No	Kosher	Yes, acceptable
Eggs	No	Vegetarian	Yes, acceptable
Fish	No	Vegan	Yes, acceptable
Lupin	No	Lactose intolerant	Yes, acceptable
Milk	No	Nut allergy sufferers	Yes, acceptable
Molluscs	No	Sesame allergy sufferers	Yes, acceptable
Mustard	No	Ovo-lactarian	Yes, acceptable
Peanuts	No		
Sesame	No		
Soybeans	No		
Sulphur dioxide	No		
Tree Nuts	No		

Label
<p>Example:</p> <p>Celeriac 10 Kg GGN 1234567891234 Field: ABCD Packing date 234 Harvest date 185 Packer Site 125981 Trace code 2341851234-was</p>

Microbiological Standards:

Product supplied is a fresh vegetable grown in an open environment. Whilst good practices are followed (required to be in conformance with the Global GAP standard), crops grown in open environments can be expected to be carrying naturally occurring microflora.

The product is supplied as a raw ingredient for further processing. A suitable preparation process is needed to bring raw products into conformance with stated requirements.

Microbiological test result standards:

Listeria ssp	N.D.
Salmonella	N.D.
Presumptive Faecal Coliforms	<10
Escherichia Coli O 157	N.D.

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Product Photos:

Loose Product External	Product Internal
	
Outer Carton Loose x6	Pastic Outer Loose with Leaf
	

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NUTRITIONAL INFORMATION

Group	Nutrient	Unit	Value per 100g
Proximate	Water	g	88.8
Proximate	Energy	Kcal	18
Proximate	Energy	KJ	73
Proximate	Protein	g	1.2
Proximate	Total Lipid (fat)	g	0.4
Proximate	Carbohydrate, by difference	g	2.3
Proximate	Fiber, total dietary	g	1.8 ^{Note 1}
Proximate	Sugars, total	g	1.8
Mineral	Calcium, Ca	mg	40
Mineral	Iron, Fe	mg	0.8
Mineral	Magnesium, Mg	mg	21
Mineral	Phosphorous, P	mg	63
Mineral	Potassium, K	mg	460
Mineral	Sodium, Na	mg	91
Mineral	Salt (added)	mg	0
Mineral	Salt (equivalent)	mg	231.14 ^{Note 2}
Mineral	Zinc, Zn	mg	0.3
Vitamin	Vitamin C, Total Ascorbic acid	mg	14
Vitamin	Thiamin	mg	0.18
Vitamin	Riboflavin	mg	0.02
Vitamin	Niacin	mg	0.2
Vitamin	Vitamin B-6	mg	0.08
Vitamin	Folate	µg	51
Vitamin	Vitamin B-12	µg	0.0
Vitamin	Vitamin A, RAE	µg	0 ^{Note 1}
Vitamin	Vitamin A, IU	IU	0 ^{Note 1}
Vitamin	Vitamin E	mg	0.36 ^{Note 1}
Vitamin	Vitamin D (D2 + D3)	µg	0.0
Vitamin	Vitamin D	IU	0
Vitamin	Vitamin K	µg	41 ^{Note 1}
Lipids	Fatty Acids, total saturated	g	0.079 ^{Note 1}
Lipids	Fatty Acids, total mono-saturated	g	0.058 ^{Note 1}
Lipids	Fatty Acids, total polyunsaturated	g	0.148 ^{Note 1}
Lipids	Fatty Acids, Total Trans	g	0
Lipids	Cholesterol	mg	0
Other	Caffeine	mg	0
Notes:	First source: McCance & Widdowson Composition of Food Integrated Data Set from HMG0V 2021 – Celeriac, raw Note 1: Taken from USDA food data central – Celeriac, raw Note 2: Calculated as 2.54 X Na content		

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Quality Characteristics

Criteria	Accept	Improve	Reject
Size	Within specified size range.	Isolated inconsistent sized Celeriac present.	Significant number of inconsistent sized Celeriac, out of size range or above current GB/EU GMS tolerances.
Shape	Rough Spherical shape with flat base. Typical of variety / type.	Isolated Celeriac with inconsistent or atypical shape present.	Numerous inconsistent or atypical shaped Celeriac present.
Internal Colour	White/creamy colour, without marks or browning.	Isolated Celeriac with internal browning or discolouration.	Multiple Celeriac with internal discolouration and/or browning. Atypical of variety or type.
External Colour	Green/brown and cream in colour, with no marks or browning. Typical of variety / type.	Isolated Celeriac with external discoloration / browning or dark marks / spots.	Multiple Celeriac with significant external discolouration, dark marking and/or spots. Atypical of variety or type.
Pressure	Firm to the touch with no give or rubberyness.	Isolated Celeriac with significant give, softness or rubbery to the touch.	Numerous Celeriac with significant give and/or are soft, slimy, rubbery to the touch.
Dehydration	Free from dehydration and shrivel.	Isolated Celeriac dehydrated or shrivelled.	Significant number of Celeriac dehydrated and/or shrivelled.
Taste	Fresh, earthy Celeriac flavour. Typical of variety / type.	Isolated Celeriac with poor, bland or off flavour.	Multiple Celeriac with poor, bland, off flavour and/or foreign taint.

Progressive Defects

Criteria	Accept	Improve	Reject
Rots and moulds	Free from rots and moulds.	Isolated instance of rots or mould.	Significant instances of rots and moulds above current GB/EU DEFRA GMS Tolerances.

Non-progressive Defects

Criteria	Accept	Improve	Reject
Foreign matter	Free from foreign material.	Single instance of innocuous foreign body found.	Multiple instances of foreign material present.
Mechanical Damage	Free from mechanical damage.	Isolated instance of mechanical damage present.	Multiple instances of mechanical damage present.
Scarring / Skin Blemish	Skin free from blemish, scarring, and/or deformation	Isolated Celeriac with scarring or skin blemish. Does not affect shape or yield.	Multiple Celeriac with severe scarring, spots and/or skin blemishes present. May also affect yield.

Packaging Defects

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Criteria	Accept	Improve	Reject
Carton / Tray	Carton / Tray sound.	Carton / Tray with some sagging or minor product damage.	Carton / Tray collapsed AND product damaged.
Bags / Packs (Where present)	Bags, Packs sound and sealed.	Isolated Bag / Pack with integrity compromised.	Multiple Bags / Packs with integrity compromised.

GMO Statement

Does not contain genetically modified material.

Pesticide Residues

Target: Free from pesticide residues

Acceptable: Pesticide residues present, below MRL in producer and destination market.

Acceptance of Specification by supplier and customer

	Supplier	Customer
Company:	NATIONWIDE PRODUCE PLC	
Date:	7 th DECEMBER 2022	
Name:	MARK EDWARDS	
Signature:		
Position:	TECHNICAL MANAGER	

- To be signed by the customer's Director or Owner (or a Senior Manager designated as authorised to sign specification agreements) and returned to Nationwide Produce PLC.
- Specification taken as accepted if not returned by the customer within two weeks of receipt.

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