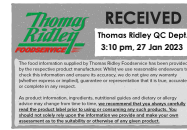




# PRODUCT SPECIFICATION



Rev: 1  
Issue Date: 31/03/2020  
Originated By: C. Crawford

## General Information

<b>Product Name</b>	Kulana Cranberry Juice Drink
<b>Legal Name</b>	Cranberry Juice Drink made with Cranberry Juice from Concentrate with Sugar and Sweetener
<b>Net Quantity</b>	1 Litre e
<b>Number of Servings</b>	6 x 150ml
<b>Supplier</b>	P. Mulrine and Sons Donegal Road Ballybofey Co. Donegal Ireland
<b>Specification Contact</b>	Eimear Crumlish Phone: +353 74 9131009 Email: <a href="mailto:ecrumlish@mulrines.ie">ecrumlish@mulrines.ie</a>
<b>Ingredients declaration</b>	Water, Cranberry Juice from Concentrate (13%), Sugar, Acidity Regulator: Citric Acid; Antioxidant: Ascorbic Acid; Flavouring, Sweetener: Sucralose.
<b>Appearance</b>	Deep Red in colour, liquid
<b>Aroma</b>	Fruity, ripe cranberry
<b>Texture</b>	Liquid, slightly viscous
<b>Flavour</b>	Fruity, sweet cranberry flavour with characteristic astringent aftertaste

## Recipe Information

Ingredient	Grade/Specification	Source
Cranberry Concentrate	50° Brix ± 0.5° Brix. Typical cranberry flavour with no off flavour or odour.	Approved Supplier
Sugar	White free-flowing crystalline product, virtually odourless, sweet and free from visible extraneous material.	Approved Supplier
Citric Acid	Powder/Crystalline. White/Colourless, Odourless. Solubility: (Water, 25°C) 61.8% w/w	Approved Supplier
Ascorbic Acid	White crystals or a white or almost white crystalline powder. Odourless or almost odourless. Freely soluble in water, soluble in ethanol (90%), practically insoluble in chloroform and ether.	Approved Supplier
Flavouring	A clear to slightly cloudy liquid with a sweet aroma.	Approved Supplier
Sucralose	A white to off-white powder; odourless and without unpleasant aftertaste, stable to heat,	Approved Supplier

	light and acids; freely soluble in water, ethanol and methanol; slightly soluble in ethyl acetate.	
Water	Mains supplied potable water. Complies with Irish and EU standards.	Donegal County Council

## Nutrition Information as per packaging

Typical Values	per 100ml	Per 150ml
Energy	80kJ 20kcal	120kJ 30kcal
Fat	<0.5g	<0.5g
of which saturates	<0.1g	<0.1g
Carbohydrate	4.9g	7.4g
of which sugars	4.8g	7.2g
Protein	<0.5g	<0.5g
Salt	<0.01g	<0.01g

## Additional non-label nutrition information

n/a

## Reference Intake Information (not declared on pack)

	Reference Intake	Per 150ml serving	%RI
Energy	8400kJ/2000kcal	120kJ/30kcal	2%
Fat	70g	0.0g	0%
Saturates	20g	0.0g	0%
Sugar	90g	7.4g	8%
Salt	6g	0.0g	0%

## Allergen Information

This product is manufactured in an allergen-free facility. It does not contain allergens stipulated in the Food Information for Consumers Regulation (EU 1169/2011)\* or other known allergens.

\*Cereals containing gluten, crustaceans and products thereof, eggs and products thereof, fish and products thereof, peanuts and products thereof, soybeans and products thereof, milk and products thereof, nuts, celery and products thereof, mustard and products thereof, sesame seeds and products thereof, sulphur dioxide and sulphites, lupin and products thereof, molluscs and products thereof.

Free From

This product is free from allergens, artificial flavours, artificial colours, benzoates, glycyrrhizinic acid or its ammonium salt, caffeine, phytosterols, phytosterol esters, phytostanols, phytosterol esters, yeast, hydrogenated oils, palm oil and MSG.

**Additives and Sweeteners**

This product contains Citric Acid (E330), Ascorbic Acid (E300) and Sucralose (E955).

**Legally Required Statements**

None

**Dietary Information**

This product is suitable for vegetarians, lacto-ovo vegetarians and vegans. The product is not suitable for Halal or Kosher diets.

**GMO Statement**

This product does not contain GMOs or ingredients derived from GMO material.

**Novel Materials**

This product does not contain novel materials or ingredients derived from novel ingredients.

**Ionising Radiation**

This product is not subjected to ionising radiation, nor does it contain ingredients which have been subjected to ionising radiation.

**Storage Instructions**

Once opened, refrigerate and consume within 4 days. Best Before End: See top

**Durability, Product Coding and Traceability**

Shelf Life from manufacture	9 months from date of production
Date and batch coding as shown on packaging by example	Best Before End Dec 20 41320B8  Where Dec 20 is the Best Before End date, 4 is the 4 <sup>th</sup> day, 13 is the 13 <sup>th</sup> week of the year, 20 is the year 2020, B is the machine identity and 8 is the 8 <sup>th</sup> reel of paper used.

**Packaging Specification**

Primary Packaging	1L Slim carton, multilayer-type paperboard laminated with aluminium and coated with polyethylene on both sides
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	Cap – slim recap made from Polypropylene. White.
Secondary Packaging	Corrugated outer tray Shrink wrap
Tertiary Packaging	Wooden pallet Pallet wrap

## Quantity Control

Nominal Quantity	Average
Declared Quantity	1 Litre
E Mark	Yes
Text height	Minimum 6mm
E Mark height	Minimum 3mm
Drained Weight	n/a

## Quality Control

Parameter	Target Value	Tolerance ±	Frequency
Brix	4.9°	0.1°	Hourly
Density	1.0193	n/a	Per batch
Temperature	<25°C	n/a	Hourly
Weight	1081g	5g	Hourly

## Laboratory Control

Test	Target	Method	Frequency
Yeasts and Moulds	<1 cfu/ml	Pour plate	Start, middle and end of production run
Lactic Acid Bacteria	<1 cfu/ml	Pour plate	Start, middle and end of production run
TVC	<1 cfu/ml	Pour plate	Start, middle and end of production run
Coliforms	absent	Pour plate	Per batch

Note: Please refer to HACCP documentation for treatment/processing details



# ***PRODUCT SPECIFICATION***

**Rev:** 1  
**Issue Date:** 31/03/2020  
**Originated By:** C. Crawford

**Specification Approval**

**Signed:** Eimear Crumlish

**Position:** NPD and Specification Technologist

**Date:** 31/03/2020