



QUALITY MANUAL 3.4.2

Product Specification Raw Milk (CI) - Red Tractor

Issue Date 20/02/2023	Reference No. QM-3.4.2 MILKRAWCON-CI	
Revision No. 002	Issued By NSR	Authorised By NAP
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Raw Milk (Channel Islands) - Red Tractor Specification

Description	Raw milk produced entirely from purebred Jersey and/or Guernsey cows, and or crosses between the 2 breeds. Sourced from farms in UK, certified to NDFAS standards (Red Tractor Assurance). Every other day collection minimum. Not from any cow which is being treated with BST.
Taste / Smell	Clean & Fresh with no discernible odour or taint.
Taste	Clean & characteristic of type, free from sour, bitter, rancid, oxidised or other objectionable flavours.
Delivery / Tanker	<p>Delivered ex-reload with BCT55 documentation allowing full traceability back to farm.</p> <p>Delivered in hygienic tankers used for human food products only, by haulier operating to DTAS standards.</p> <p>Tankers and associated equipment cleaned (CIP) within 24 hours of loading.</p> <p>CIP log kept with tanker.</p> <p>When collected milk should be reloaded within 12 hours of first farm collection, and when delivered less than 24 hours since the first farm collection.</p>

Analytical Specification—Typical	MAX	MIN
Butterfat	-	5.00%
Protein	-	3.60%
Freezing Point (FPD)	530 m°C	509 m°C
Titratable Acidity	0.16%	0.13%
Temperature	7 °C	1 °C
Antibiotic	None Detected	
Heavy Metals, Aflatoxin MI & Dioxins, Pesticide Residues	Not to exceed levels set by UK & EU Legislation	
Resazurin	Disk Reading 6 @ 10 mins / 5 @ 2 hrs	
Bactoscan	<65000 / Target <50	
Somatic Cell Count	<200000 / Target <250	

Product is bought and/or sold on the understanding it will undergo further heat treatment prior to end use.

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Allergen	Present / Absent in Product	Risk of Cross Contamination	Details
Cereal containing gluten (i.e. Wheat, rye, barley, oats, spelt, kamut) & products thereof	Absent	No	If products are handled on same production site then the risks are managed to allow free from declaration to be made in final product. This is covered with product suppliers at SPEAR-UK supplier approval stage. Customers may request further information when the product and production site can be confirmed.
Crustaceans & products thereof	Absent	No	
Eggs & products thereof	Absent	No	
Fish & products thereof	Absent	No	
Peanuts & products thereof	Absent	No	
Soybeans & products thereof	Absent	No	
Milk & products thereof (including lactose)	Present	-	
Nuts i.e. Almonds, hazelnuts, walnuts, cashews, pecan nuts, brazil nuts, pistachio nuts, macadamia nuts, queensland nuts and products thereof	Absent	No	
Celery & products thereof	Absent	No	
Mustard & products thereof	Absent	No	
Sesame seeds & products thereof	Absent	No	
Sulphur dioxide & sulphites at concentrations of more than 10mg/kg or 10mg/litre expressed as SO ₂	Absent	No	
Lupin & Products thereof	Absent	No	
Mollusc & products thereof	Absent	No	

Legislation

Product conforms to all aspects of UK & EU Legislation, including but not limited to:

- Food Safety Act 1990
- EC Regs 852/2005 & 853/2005



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History of Amendments/Revisions:

Revision No.	Date	Revision Detail
001	20/02/2023	First Issue
002	02/10/2023	Amendment to specification format and addition of a spec approval date. Updated allergen, and legislation conformity detail.



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