



QUALITY MANUAL 3.4.2

Product Specification Raw Milk—Red Tractor

Issue Date 06/06/2016	Reference No. QM-3.4.2 MILKRAWCON	
Revision No. 005	Issued By NSR	Authorised By NAP
Page 1 of 3	Last Specification Approval Date 04/03/2024	

Raw Milk—Red Tractor Specification

Description

Raw milk produced from cows.
Sourced from farms in UK, certified to NDFAS standards (Red Tractor Assurance).
Every other day collection minimum.

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

Delivered ex-reload with BCT55 documentation allowing full traceability back to farm.
Delivered in hygienic tankers used for human food products only, by haulier operating to DTAS standards.
Tankers and associated equipment cleaned (CIP) within 24 hours of loading.
CIP log kept with tanker.
When collected milk should be reloaded within 12 hours of first farm collection, and when delivered less than 24 hours since first farm collection.

Analytical Specification—Typical	MAX	MIN
Butterfat	4.50%	3.80%
Protein	3.60%	3.20%
Freezing Point (FPD)	530 m°C	505 m°C
Titrateable Acidity	0.16%	0.13%
Temperature	6 °C	1 °C
Antibiotic	None Detected	
Resazurin	Disk Reading 6 @ 10 mins / 5 @ 2 hrs	
Bactoscan	<65000	
Somatic Cell Count	<200000	
Product is bought and/or sold on the understanding it will undergo further heat treatment prior to end use		



Document Uncontrolled If Printed



Capel Hermon Business Centre | Llandrillo | Corwen | Denbighshire | LL21 0ST
Telephone +44 16 78 520 504 | Email info@spear.uk.com | Web spear.uk.com



QUALITY MANUAL 3.4.2

Product Specification Raw Milk — Red Tractor

Issue Date 06/06/2016	Reference No. QM-3.4.2 MILKRAWCON	
Revision No. 005	Issued By NSR	Authorised By NAP
Page 2 of 3	Last Specification Approval Date 04/03/2024	

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	<p>If products are handled on same production site then the risks are managed to allow free from declaration to be made in final product.</p> <p>This is covered with product suppliers at SPEAR-UK supplier approval stage.</p> <p>Customers may request further information when the product and production site can be confirmed.</p>
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



Document Uncontrolled If Printed



Capel Hermon Business Centre | Llandrillo | Corwen | Denbighshire | LL21 0ST
Telephone +44 16 78 520 504 | Email info@spear.uk.com | Web spear.uk.com



QUALITY MANUAL 3.4.2

Product Specification Raw Milk — Red Tractor

Issue Date 06/06/2016	Reference No. QM-3.4.2 MILKRAWCON	
Revision No. 005	Issued By NSR	Authorised By NAP
Page 3 of 3	Last Specification Approval Date 04/03/2024	

History of Amendments/Revisions:

Revision No.	Date	Revision Detail
001	06/06/2016	First Issue
002	20/02/2017	Addition of requirement for further heat treatment before end use.
003	16/06/2020	Amendment to Resazurin test acceptance results.
004	08/07/2021	Amendment to FPD Minimum requirement as per regulation change.
005	24/07/2023	Updated allergen detail to include risk assessment. Added applicable legislation statement and a spec approval date.



Document Uncontrolled If Printed



Capel Hermon Business Centre | Llandrillo | Corwen | Denbighshire | LL21 0ST
Telephone +44 16 78 520 504 | Email info@spear.uk.com | Web spear.uk.com