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	1st Issue Date: 13.06.05	Revised Date 18/06/2024
	Product Name: Fresh Cultured Buttermilk	
	Section: 3.6.F.12	Authorised By: M.Lagan

CONFIDENTIAL

Product Name	Fresh Cultured Buttermilk	
Pack Size	1-pint Polybottle 1-gallon Polybottle 3-gallon Pergal Pallecon Road Tanker	
Supplier Name	Dale Farm LTD	
Health Mark	UK (NI) NI 215 M EC	
Supplier Address	Pennybridge Industrial Estate Larne Road Ballymena Co. Antrim N. Ireland BT42 3HB	
Telephone Number	028 256 61520	
Technical Contacts	Gareth McAuley	Megan Lagan
	Technical & NPD manager	Assistant quality and technical manager
	02825661541 07739882410	07557034395
	gareth.mcauley@dalefarm.co.uk	Megan.Lagan@dalefarm.co.uk

Product Description
Fresh pasteurised, cultured buttermilk.

Storage Conditions
Chilled Storage: Store less than 6°C

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Recipe Breakdown		
Ingredient	%	Country of Origin
Pasteurised Skimmed Milk (Red Tractor certified)	90.2	Northern Ireland
Pasteurised Water	9.7	Mains Supply
Starter Bb-12 & CHN-19	0.1	UK

Ingredient Declaration
<p>Pasteurised Skimmed Milk, Lactic Cultures</p> <p>For allergens see ingredients in bold</p>


Food Intolerance Information		
Is the product free from as an ingredient (including derivatives thereof?)	Yes / No	Presence attributed to
Additives	Yes	
Benzoate (E210 - E219)	Yes	
Colours + AZO + Coal Tar Dyes	Yes	
Corn/Maize Derivatives	Yes	
BHA/BHT (E320, E321)	Yes	
Egg & Egg Derivatives	Yes	
Flavour Enhancers	Yes	
Gluten	Yes	
Milk & Milk Derivatives	No	Dairy product – cow's milk
Yeast & Yeast Derivatives	Yes	
Garlic	Yes	
Honey	Yes	
Added Sugar	Yes	



Added Salt	Yes	
Lactose, Galactose and galactosides	No	Dairy product – cow’s milk
Gelatine	Yes	
Cocoa	Yes	
Hydrolysed Vegetable Protein	Yes	
Sweeteners Containing Aspartame	Yes	
Polyols	Yes	
Glutamates - MSG	Yes	
Natural Colours	Yes	
Preservatives	Yes	
Animal products (Other than milk products)	Yes	
Genetically Modified Soya & Maize	Yes	
Caffeine	Yes	
Malt Extract	Yes	
Nuts & Nut Derivatives	Yes	
Fruit & Fruit Derivatives	Yes	
Seafood / Seafood Derivatives	Yes	
Seeds & Seed Derivatives	Yes	
Sesame Seeds /Oil	Yes	
Soya & Soya Derivatives	Yes	
Sulphur Dioxide (E220 - E228)	Yes	
Wheat & Wheat Derivatives	Yes	

Special Dietary Requirements


Does the product meet the following claims	Yes / No	If no state reason
Suitable for Vegetarians	Yes	
Suitable for Vegans	No	Milk product
Suitable for Coeliacs	Yes	
Kosher certificated	No	
Halal certificated	No	
Organic certificated	No	

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Nutritional Information	
Nutrient	Typical values per 100ml
Energy	146kJ / 34kcal
Fat	0.1g
Of which saturates	0.06g
Carbohydrate	5.0g
Of which sugars	5.0g
Protein	3.4g
Salt	0.14g

Microbiological Analysis			
Test	Method	Target	Freq. of Testing
Enteros	BS ISO 21528-2: 2017	<10 cfu/ml	Per batch
Yeasts	BS ISO 6611:2004	<10 cfu/ml	Per batch
Moulds	BS ISO 6611:2004	<10 cfu/ml	Per batch

Chemical Analysis			
Test	Method	Target	Freq. of Testing
Final Acidity	Titration	0.8-0.89	Per Batch
Organoleptic	Taste	As per spec	Per Batch
Antibiotics (tankers)	Charm	Absent (<MRL)	Intake of raw milk
FPD (tankers)	Cryoscope	≥509m°C	Per Batch
Phosphatase (skim)	Charm / Novalum	<200	Per Batch - skim


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Physical Analysis			
Test	Method	Target	Freq. of Testing
Date Code	Visual	Correct & legible	Per Batch

Weight / Quantity (specific gravity)	
Product	Target Weight / Volume
1-Pint	568ml
1-Gallon	4.6kg
3-Gallon	13.64 litres
Pallecon	Order dependant
Road Tanker	Order dependant

Packaging Material Description	
Pack size	Primary Packaging
1-Pint	HDPE polybottle, cap and label
1-Gallon	HDPE polybottle, cap and label
3-Gallon	Bag-in-box – PP bag, tube cap, cardboard box, shrink wrapped
Pallecon	Polythene inner liner, pallecon
Road Tanker	N/A


Shelf Life and Storage Conditions	
Coding format	Use by date
Traceability code	Use by date
Product shelf life	Polybottles, Pergal and Pallecons – Date of fill + 24 days Use within 3 days of opening Road tankers – Date of fill + maximum 15 days
Storage conditions	Chilled storage <6oC

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Product Barcode Information		
Product	Single unit bar code	Outer case bar code
1-Pint	5000245001454	05000245005964
1-Gallon	N/A	N/A
3-Gallon	N/A	05051799008307
Pallecon	N/A	N/A
Road Tanker	N/A	N/A

Palletisation					
Product	Pks per outer	Outers per layer	Layers per pallet	Outers per pallet	Pks per pallet
1-Pint	10	20	4	80	800
1-Gallon	Order dependant				
3-Gallon	Order dependant				
Pallecon	N/A	N/A	N/A	N/A	N/A
Road Tanker	N/A	N/A	N/A	N/A	N/A

Specification Authorisation	
Specification completed by:	Hannah Madden
Specification approved by:	Megan Lagan
Approval signature:	<i>Megan Lagan</i>
Job title	Assistant Technical Manager
Date	18/06/2024

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Amendment Register

Amendment:			Discard	Insert	Reason for change	Authorised by
No	Date	Section	Version No.	Version No.		
1.	03/08/2021	GTD.QAM 018 PB 012		13	Format changed, added new 3-gallon product line.	H. Madden
2.	11/11/2021	3.6.F.12	13	14	Added barcode to 3gal, section ref changed.	H. Madden
3.	04/08/22	3.6.F.12	14	15	Added FPD limit for raw tanker, shelf life corrected.	H. Madden
4.	26/04/2023	3.6.F.12	15	16	Red Tractor reference added	G.McAuley
5.	06/09/2023	3.6.F.12	16	17	Pergal bag substrate change	H. Madden
6.	18/06/2024	3.6.F,12	16	18	Change use by to date of production +24 days	M.Lagan