



## Product Specification

	Doc Ref: BGQ Sp-169 Version No: 1
Approved: Quality Manager	Issue/Revision Date: Page No: Page 1 of 4 Author: Radhika Nadkar

<b>Product:</b>	<b>Ginger Beer Sparkling</b>		<b>e number</b>	<b>750ml</b>
<b>Description:</b>	Lightly carbonated ready to drink soft drink			
<b>Inner Barcode:</b>	5021812005583	<b>Outer Barcode</b>	15021812005580	
<b>SHS Product Code:</b>	BGS67500031	<b>GLN Number</b>	5021812	
<b>Site of Manufacture</b>	Bottlegreen Drinks Frogmarsh Mill South Woodchester Gloucestershire GL5 5ET United Kingdom	<b>BRC Accreditation</b>	Certificate available on request	
		<b>Labtrust Reference Number</b>	A07983	

Contacts		
Contact	Email	Telephone
<b>Manufacturing Site</b>	info@bottlegreen.co.uk	01453 872882
<b>Quality/Technical</b>	QA@bottlegreen.co.uk	01453 874018
<b>Sales</b>	info@shs-sales.co.uk	01452 378500
<b>Customer Services</b>	info@shs-drinks.co.uk	01452 378555

Ingredients			
Carbonated Cotswold spring water, fructose, sugar, maltodextrin, ginger puree, lemon juice from concentrate, honey, citric acid, natural flavourings (including natural ginger extract). Free from all artificial colours, flavours, sweeteners and preservatives.			
Ingredients	Physical State	Country of Origin	QUID (if applicable)
Carbonated Cotswold Spring Water	Liquid	UK	NA
Fructose	Granulated	Belgium/Turkey/ Israel	
Sugar	Granulated	UK	NA
Maltodextrin	Powder	Austria	NA
Ginger Puree	Puree	China/UK	NA
Lemon Juice from concentrate	Liquid	China, Sicily, Spain, South America (Argentina, Bolivia, Brazil & Uruguay), Turkey, Argentina, Finland, Germany, USA	NA
Honey	Liquid	Argentina, Australia, Brazil, Chile, China, Guatemala, Greece, Hungary, Mexico, New Zealand, UK, Romania, Spain, Ukraine, Uruguay, Vietnam	NA
Citric Acid	Granulated	China/Thailand	NA
Natural Flavourings	Liquid	UK/Germany	NA
GMO Status			
All listed products sold by Bottlegreen Drinks are free from ingredients derived from genetically modified materials.			

Product Use Information			
Storage Instructions	Store in a cool place away from direct sunlight. Refrigerate after opening and consume within 3 days.		
Directions For Use	Contents under pressure. Open with care pointing away from face. Replace lid securely and store as recommended		
Maximum Shelf Life	15 months	Minimum Shelf Life Into Deport	12 Months
Bottle Code Format	BBE MMM YY TIME YY JULIAN CODE	Bottle Code Example	BBE JUL18 143217027

Suitable For Information		
Suitable For	Yes / No	Comments
Vegans	No	
Vegetarians	Yes	
Lactose Intolerants	Yes	
Coeliacs	Yes	
Halal Diets	No	
Kosher Diets	No	

Free From Information			
	Recipe	Site	
Artificial Antioxidants	Yes	Yes	
Artificial Colours	Yes	Yes	
Artificial Flavourings	Yes	Yes	
Flavour Enhancers	Yes	Yes	
Artificial Sweeteners	Yes	Yes	
GM Ingredients / Derivatives	Yes	Yes	See statement on page 1

Allergens Present			
	RTD	Site	
Cereals containing gluten (wheat, rye, barley, oats, spelt, kamut) or products thereof	No	No	
Crustaceans or products thereof	No	No	
Eggs and products thereof	No	No	
Fish and products thereof	No	No	
Peanuts and products thereof	No	No	
Soybeans and products thereof	No	No	
Milk and products thereof	No	No	
Nuts ( and products thereof	No	No	
Celery and products thereof	No	No	
Mustard and products thereof	No	No	
Sesame seeds and products thereof	No	No	
Sulphur dioxide and sulphites >10ppm	No	Yes	Complies Regulation 1169/2011
Lupin and products thereof	No	No	
Molluscs and products thereof	No	No	

<b>Nutritional</b>		
Theoretical nutritional results obtained from analytical analysis of Elderflower Cordial/Sparkling performed by Campden BRI		
<b>Nutrient</b>	<b>Per 100ml</b>	<b>Per 250ml</b>
<b>Energy</b>	116kJ/27kcal	290kJ / 68kcal
<b>Fat</b>	0g	0g
<b>Of which saturates</b>	0g	0g
<b>Carbohydrate</b>	6.6g	16.5g
<b>Of which sugars</b>	4.5g	11.3g
<b>Protein</b>	0g	0g
<b>Salt</b>	0g	0g

<b>Finished Product Standards</b>					
<b>Check</b>	<b>Test Method</b>	<b>Frequency</b>	<b>Responsibility</b>	<b>Target/ Tolerance</b>	<b>Retained Records</b>
Quality Attributes	Sensory Testing	Every tank, and first & last bottle off line	Blending operative Quality Technician	As quality attribute sheet	Recipe sheet & QAS sheet & Online Record
Specific Gravity	Hydrometer	Every tank	Blending operative	1.023 – 1.027	Recipe sheet & Online Record
Acidity (g/L CAMH)	Colorimetric Titration	Every tank	Blending operative	2.9 +/- 0.4	Recipe sheet & Online Record
pH	pH meter	Every tank	Blending operative	≤3.0	Recipe sheet & Online Record
Carbonation (Vols)	Carbonation gauge	1 bottle every 30 minutes	Line Operative	2.6 +/- 0.2	Bottling hall record
Filter Integrity	Differential filter pressure	At start up	Blending operative	Pressure drop < critical limit	Start Up sheet
Fill Height	Template	5 bottles every 30 minutes	Line Operative	Average of 5 bottles ≤ 0	Bottling hall record
Capping	Cap torque	5 bottles every hour	Line Operative	Slip – 4-14 lb/in Break – 6-16 lb/in	Bottling hall record
Label Quality	Visual	5 bottles every hour	Line Operative	Present, Legible, Correct	Label check sheet
Code Quality	Visual	5 bottles every hour	Line Operative	Present, Legible, Correct	Bottling hall record
Microbial Loading	Membrane filtration 5 day 25°C incubation	3 x 150ml every 30 minutes	Quality Technician	Yeast <4/100ml Mould <16/100ml TVC <100/100ml	Micro result record

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Quality Attributes	
Appearance	Cloudy, white to pale yellow sparkling liquid, some settlement may occur.
Aroma	Ginger aroma with slight citrus notes.
Flavour	Lingering, slightly harsh ginger notes with a build of heat.
Physical	Medium body, refreshing with a lingering dryness on the tongue. Clean finish.
Packaging	Green glass bottle free from cracks or chips. Aluminium ROPP cap with tamper evident band intact. PP label to the front, side, neck and base with no air bubbles or damage, matching standard. Coding is legible and clear.

Primary Packaging					
Description	Dimensions (mm)	Approx weight (g)	Material	Recyclable	Approved for contact with food
Bottle	Diameter x Height 88.4 x 310.4	520	Recycled Glass	Yes 100%	Yes
Cap	Diameter x Height 28 x 15.3	1.66	Aluminium	Yes 100%	Yes
Label	Height x Width Front: 145 x 83 Side: 144.3 x 39.7	1.174	PP Self Adhesive	No	N/A
	Neck: 21.9 x 54.2 Base: 85 x 31				

Secondary Packaging				
Description	Dimensions (mm)	Approx Weight (g)	Material	Recyclable
Case	Depth x Width x Height 267 x 178 x 315	164	Recycled Cardboard	Yes 100%

Tertiary Packaging				
Description	Dimensions (mm/ $\mu$ m)	Approx Weight	Material	Recyclable
Pallet	Depth x Width 1200 x 1000	22kg	Wood	No
Pallet Wrap	Width x Height x Thickness 500 x 1800 x 20	154g	Fibre Film Gamma-L 220	Yes 100%
Top Sheet	Width X Depth x Thickness 1700 x 530 x 60	149	Virgin Low Slip Polymer	Yes 100%

Pallet Configuration	
	Standard Pallet (kg)
Single Unit Liquid Weight (Approx)	0.775
Single Unit Weight (Approx)	1.298
Case Weight	8.0
Layers Per Pallet	4
Cases Per Layer	22
Total Cases Per Pallet	88
No. Units Per Pallet	528
Finished Pallet Dimensions (mm) (Depth x Width x Height)	1200 x 1000 x 1440
Finished Pallet Weight (Approx)	730



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Date	Name	Signature	Position	On Behalf Of
23.03.2023	Radhika Nadkar	<i>R.Nadkar</i>	Quality Manager	Bottlegreen Drinks