



Product Specification

	Doc Ref: BGQ Sp-168 Version No: 1
Approved: Quality Manager	Issue/Revision Date: 23.03.2023 Page No: Page 1 of 4 Author: Radhika Nadkar



Product:	Raspberry Lemonade Sparkling	e number	750ml
Description:	Lightly carbonated ready to drink soft drink		
Inner Barcode:	5021812005576	Outer Barcode	15021812005573
SHS Product Code:	BGS67500030	GLN Number	5021812
Site of Manufacture	Bottlegreen Drinks Frogmarsh Mill South Woodchester Gloucestershire GL5 5ET United Kingdom	BRC Accreditation	Certificate available on request
		Labtrust Reference Number	A07983

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

Ingredients			
Carbonated Cotswold spring water, lemon juice from concentrate (5%), fructose, raspberry juice from concentrate, sugar, apple juice from concentrate, aronia juice from concentrate, natural flavourings, citric acid. 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
Lemon Juice from concentrate	Liquid	China, Sicily, Spain, South America (Argentina, Bolivia, Brazil & Uruguay), Turkey, Argentina, Finland, Germany, USA	5%
Fructose	Granulated	Belgium/Turkey/Israel	NA
Raspberry Juice From Concentrate	Liquid	Germany	NA
Sugar	Granulated	UK	NA
Apple Juice From Concentrate	Liquid	Poland, Italy, Hungary, Spain, China (People's Republic), Germany, Ukraine, Austria, Serbia, Chile, France, Turkey, Portugal, Croatia	NA
Aronia Juice From Concentrate	Liquid	Poland, Ukraine, Germany, Bulgaria, Serbia, USA, Canada, Russia	NA
Natural Flavourings	Liquid	UK/Germany	NA
Citric Acid	Granulated	China/Thailand	NA
GMO Status			
All listed products sold by Bottlegreen Drinks are free from ingredients derived from genetically modified materials.			

Suitable For Information		
Suitable For	Yes / No	Comments
Vegans	Yes	
Vegetarians	Yes	
Lactose Intolerants	Yes	

Coeliacs	Yes	
Halal Diets	No	
Kosher Diets	No	

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

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	

Nutritional		
Theoretical nutritional results obtained from analytical analysis of Elderflower Cordial/Sparkling performed by Campden BRI		
Nutrient	Per 100ml	Per 250ml
Energy	83kJ/20kcal	208kJ / 50kcal
Fat	0g	0g
Of which saturates	0g	0g
Carbohydrate	4.7g	12.0g
Of which sugars	4.4g	11.0g
Protein	0g	0g
Salt	0g	0g

Finished Product Standards					
Check	Test Method	Frequency	Responsibility	Target/Tolerance	Retained Records
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	1.017 – 1.021	Recipe sheet & Online Record
Acidity (g/L CAMH)	Colorimetric Titration	Every tank	Blending operative	4.0 +/- 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	Pale pink/red, clear liquid.
Aroma	Medium fruity raspberry aroma.
Flavour	Fresh raspberry with a good level of lemon secondary and a tart finish.
Physical	Full, lightly sparkling. Balanced and slightly coating.
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/μm)	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