



## Product Specification

	Doc Ref: BGQ Sp-133 Version No: 3
Approved: Quality Manager	Issue/Revision Date: 14.09.22 Page No: Page 1 of 4 Author: Radhika Nadkar



<b>Product:</b>	<b>Elderflower LIGHT Sparkling</b>	<b>e number</b>	<b>750ml</b>
<b>Description:</b>	Sparkling light elderflower drink made with Cotswold spring water and elderflowers		
<b>Inner Barcode:</b>	5021812000038	<b>Outer Barcode</b>	05021812002650
<b>SHS Product Code:</b>	<b>BGS750EFL6S</b>	<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>Labcred 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 874025
<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, Elderflowers, Fructose, Citric Acid, Sugar, Natural flavouring. 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
Elderflower Syrup	Liquid	Hungary/Romania	NA
Fructose	Liquid	Belgium/Turkey/ Israel	NA
Citric Acid	Granulated	China/Thailand	NA
Sugar	Granulated	UK	NA
Natural flavourings	Liquid	Germany/UK	NA
GMO Status			
All listed products sold by Bottlegreen Drinks are free from ingredients derived from genetically modified materials.			

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

Suitable For Information		
Suitable For	Yes / No	Comments
<b>Vegans</b>	Yes	
<b>Vegetarians</b>	Yes	

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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	

Nutritional		
Theoretical nutritional results obtained from analytical analysis of Elderflower Cordial/Sparkling performed by Campden BRI		
*At least 30% fewer calories than full bodied Elderflower		
Nutrient	Per 100ml	Per 250ml
Energy	80kJ / 19kcal	200kJ / 48kcal
Fat	0g	0g
Of which saturates	0g	0g
Carbohydrate	4.5g	11.25g
Of which sugars	4.5g	11.25g
Protein	0g	0g
Salt	0g	0g

## Product Specification

Finished Product Standards					
Check	Test Method	Frequency	Responsibility	Target/Tolerance	Retained Records
Quality Attributes	Sensory Testing	Every tank, and first & last bottle off line	Product Assistant Quality Technician	As quality attribute sheet	Recipe sheet & QAS sheet & Online Record
Specific Gravity	Hydrometer	Every tank	Product Assistant	1.016 – 1.020	Recipe sheet & Online Record
Acidity (g/L CAMH)	Colorimetric Titration	Every tank	Product Assistant	3.0 +/- 0.4	Recipe sheet & Online Record
pH	pH meter	Every tank	Product Assistant	≤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	Product Assistant	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

Quality Attributes	
Appearance	Colourless to pale straw coloured, clear liquid
Aroma	Subtly floral
Flavour	Clean elderflower. No taints, well balanced
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



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<b>Cap</b>	Diameter x Height 28 x 15.3	1.66	Aluminium	Yes 100%	Yes
<b>Label</b>	Height x Width Front: 145 x 83 Side: 144.3 x 39.7 Neck: 21.9 x 54.2	1.174	PP Self Adhesive	No	N/A
	Base:85 x 31				

### Secondary Packaging

Description	Dimensions (mm)	Approx Weight (g)	Material	Recyclable
<b>Case</b>	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
<b>Pallet</b>	Depth x Width 1200 x 1000	22kg	Wood	No
<b>Pallet Wrap</b>	Width x Height x Thickness 500 x 1800 x 20	Standard pallet 187g Short pallet 154g	Fibre Film Gamma-L 220	Yes 100%
<b>Top Sheet</b>	Width X Depth x Thickness 1700 x 530 x 60	149	Virgin Low Slip Polymer	Yes 100%

### Pallet Configuration

	Standard Pallet (kg)	Short Pallet (kg)
<b>Single Unit Liquid Weight (Approx)</b>	0.775	0.775
<b>Single Unit Weight (Approx)</b>	1.298	1.298
<b>Case Weight</b>	8.0	8.0
<b>Layers Per Pallet</b>	5	4
<b>Cases Per Layer</b>	22	22
<b>Total Cases Per Pallet</b>	110	88
<b>No. Units Per Pallet</b>	660	528
<b>Finished Pallet Dimensions (mm) (Depth x Width x Height)</b>	1200 x 1000 x 1760	1200 x 1000 x 1440
<b>Finished Pallet Weight (Approx)</b>	906	730

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