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	<b>Product Specification</b>	

## Black Cane Invert Syrup 34 - 83

**Alternative names** Lyles Black Treacle, No 1 Treacle

### Product Description

A thick black invert formed of a combination of sucrose, glucose and fructose found naturally in sugar cane. Also commonly described as a 'molasses'. It has a powerful and slightly bitter flavour.

The typical applications for this product include brewing, dark table sauces, rich cakes and liquorice.

**Ingredient Declaration:** Cane molasses, Partially Inverted Refiners Syrup or Sugarcane Syrup

**Botanical Source of sugar:** sugar cane

### Chemical and Physical Characteristics

Total sugars*	63.0% min.
Invert*	25% min.
Sucrose*	44% max.
Ash*	4 – 10%
Solids (refract. uncorr.)	82 – 84 %
pH	4.2 – 6.2%
Temperature (bulk)	53 – 65°C
*on a wet basis.	

### Microbiological Characteristics

Mesophilic bacteria/g	5000 cfu max.
Yeasts/g	100 cfu max.
Moulds/g	100 cfu max.
Salmonellae	Not detected in 25g
E. Coli	Not detected in 1g
Staph Aureus	Not detected in 1g


### Food Safety

SO2	15 mg/kg max.
Lead	1 mg/kg max.
Arsenic	1 mg/kg max.

### Packaging

The product is available in 25kg plastic pail and 7.257kg poly container.

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 <p><b>SHEPCOTE</b> EST 1969</p>	<p><b>Shepcote Distributors Ltd</b> Pexton Road Kelleythorpe Industrial Estate, Driffield East Yorkshire, YO25 9FR</p>	<p>Tel: 01377 252537 Email: <a href="mailto:technical@shepcote.com">technical@shepcote.com</a> www: <a href="http://www.shepcote.co.uk">www.shepcote.co.uk</a></p>
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### Shelf Life

For deliveries in a bulk tanker the recommended storage time is 6 months. For all industrial and retail packed products these have a recommended storage time of 18 months.

### Storage Conditions

The recommended storage conditions for the product in bulk format is a closed pre-sterilised stainless steel tank suitably vented, self-draining, preferably lagged and fitted with microbiological air filters. Avoid conditions leading to condensation above the liquor.

For both industrial and retail packing formats it is recommended that this product is stored under ambient conditions away from extremes of temperature and humidity.

In addition for industrial packed format this product can be warmed gently (e.g. by using drum warmers) to make it flow better, but do not subject to excessive heating above as this may cause decomposition of the product.

**Allergen Status:** The product may contain SO<sub>2</sub> in excess of 10 mg/kg. This is as a result of carryover from the raw sugar it is made from.

**GMO Status:** This product is not derived from a genetically modified crop and does not contain GM materials as defined by European Commission Regulations (EC) 1829/2003 and (EC) 1830/2003.

**Country of Origin:** The product is made and packed in a UK Refinery from raw sugar sourced from a range of countries (list available).

**Religious certification:** Kosher Pareve (non Passover), Halal.

### Mandatory Nutritional Information (per 100g)\*

Energy (kJ)	1,163
Energy (kcal)	274
Fat (g)	0
of which saturates (g)	0
Carbohydrate (g)	67.2
of which Sugars (g)	66.8
Protein (g)	1.2
Salt** (g)	0.45

\*\*salt content is exclusively due to the presence of naturally occurring sodium.

### Additional Nutritional Information (per 100g)

Sodium (mg)	180
Fibre (g)	0

\*Reference regarding nutrition data: Nutrient values from sugar industry standard data and McCance and Widdowson 7th Edition. Energy values are calculated from these figures.

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### Product Specification

Customer			
Name	Position	Signature	Date

Please sign and return a copy of this specification within two weeks of receipt. Failure to do so will be deemed as customer acceptance

Shepcote Distributors Ltd			
Name	Position	Signature	Date
Jurate Junduliene	Quality Manager		20.12.22