



## Technical Specification Sheet

<b>Product Name</b>	<b>Demerara XL</b>
<b>Ingredient</b>	Cane juice extracted from Sugar cane plant ( <i>Saccharum officinarum</i> )
<b>Product Description</b>	<p>A free-flowing golden brown coloured sugar with homogeneous sparkling crystals with a crunchy texture and a rich aroma owing to the presence of cane molasses enrobing each crystal.</p> <p>This product is made from cane juice without use of colour or flavour additives.</p>
<b>Details of supplier</b>	<p>Mauritius Sugar Syndicate 7th Floor Medine Mews Chaussee st. Port Louis, MAURITIUS Telephone : (230) 212 0814/15 (230) 212 8756 E.mail : contact@mauritiusugar.mu Web : www.mauritiusugar.mu</p>

<b>Food Safety</b>	Demerara XL production adopts BRC Standard procedures and undergoes a process of Quality Assurance to render the product fit for human consumption.
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<b>Country of Origin:</b>	Mauritius	<b>Country of Manufacture:</b>	Mauritius
<b>Shelf Life</b>	Sugar is a natural preservative and does not require a best before date. Reference: REGULATION (EU) No 1169/2011		
<b>Safe Storage conditions</b>	Store in cool dry conditions (15 to 25°C, < 70% Relative Humidity recommended). Store away from direct sunlight, draughts and sources of ignition.		
<b>Certification</b>	Kosher, Halal and BRC ( <i>Copy of certificate can be supplied on request</i> )		

### Other Declaration

<b>Product Free from Genetically Modified Ingredients</b>
<b>Product has not been treated using Ionising radiation (irradiation)</b>
<b>Suitable for Vegetarians and Vegans</b>

**ORGANOLEPTIC STANDARD:**

Aspect	Standard
Appearance	Free flowing with homogeneous large golden brown crystals.
Texture	Granular, Crystalline
Colour	Golden brown
Flavour	Typical molasses flavour. Product is free from rancid & off flavours.
Aroma	Typical of brown sugar / Molasses No off odour.

**PHYSICAL AND CHEMICAL STANDARD:**

Parameter	Specifications
Polarisation value (% Sucrose)	98.5 – 99.49° Z
Reducing Sugars (%)	0.30 Max.
Ash (%)	0.30 Max
Moisture (%)	0.30 Max
Colour (I.U)	1700 - 2800
Particle Size (mm)	Homogenous crystals, M.A: 2.0 – 3.0 mm.
Pesticides	According to EU regulation on maximum residue limit (MRL)
Heavy Metals (ppm)	Pb: 0.1Max; Cu: < 2.0; As: < 1.0; Hg: < 0.02; Cd: < 0.05

**MICROBIOLOGICAL STANDARD:**

Parameter	Target	Units
Aerobic Plate Count	< 5000	CFU/10G
Yeast	<500	CFU/10G
Moulds	<500	CFU/10G
Coliform	Absent/10g	
E. coli	Absent/10g	
Enterobacteraceae	Absent/10g	
Salmonella	Absent/25g	
Staphylococcus aureus	Absent/25g	
Group D Streptococci	Absent/10g	
B. cereus	Absent/10g	
Clostridium perfringens	Absent/10g	
Pseudomonas aeruginosa	Absent/25g	

This product does not contain the following allergens.

<b>Cereals containing gluten and their products thereof</b>
<b>Crustaceans and products thereof</b>
<b>Fish and products thereof</b>
<b>Eggs and products thereof</b>
<b>Peanuts and products thereof</b>
<b>Soybeans and products thereof</b>
<b>Milk and products thereof (incl. lactose)</b>
<b>Nuts and products thereof</b>
<b>Celery and products thereof</b>
<b>Mustard and products thereof</b>
<b>Sesame seeds and products thereof</b>
<b>Lupin and products thereof</b>
<b>Molluscs and products thereof</b>
<b>Sulphur dioxide and sulphites &gt; 10 ppm</b>