

## Logic™ sweet

### LOW-CALORIE SWEETENER

#### PRODUCT DATASHEET

##### PRODUCT DESCRIPTION

**Logic™** Sweet LI Low-Calorie Sweetener is specifically designed and processed for use with liquid and dry mix applications especially in recipes or ingredients in which **Logic™** Sweet LI Low-Calorie Sweetener can replace sugar's major role in maintaining the sweetness profile of natural sugar and recipe characteristics. **Logic™** Sweet LI Low-Calorie Sweetener has a *naturality index* of 99% min. due to natural high intensity sugarcane sucrose granule.

##### PRODUCT CODE

**Logic™** Sweet LI

##### INGREDIENTS

SUGAR / SUCROSE  
SUCRALOSE

##### PHYSICAL SPECIFICATION

APPEARANCE : Crystalline granules  
PARTICLE SIZE : 0.5 – 0.9 mm  
SOLUBILITY : Very soluble in water (1 g in 0.5 mL).  
Slightly soluble in Ethanol (96%).  
Not suitable in anhydrous Ethanol.

##### SENSORY CHARACTERISTICS

PRODUCT COLOUR : White (ICUMSA: Max 50)  
ODOUR : Sweet odour  
TASTE PROFILE : Sweet taste

##### CHEMICAL PROPERTIES

PARAMETER	UNIT	VALUE
Moisture	g/100g	<1.5
Arsenic	mg/kg	<2
Lead	mg/kg	<1
Copper	mg/kg	<2

##### NUTRITIONAL INFORMATION (Based on 100g material)

PARAMETER	UNIT	Per 100g	Per Serving (1g)*
			Eqv Sweetness of 5g Sugar
Energy / Calories	kcal	400	4
Fat	g	0	0
Carbohydrate	g	100	1
Protein	g	0	0

\*Per serving is based on the sweetness comparison to 5g of sucrose (Sugar)

## MICROBIOLOGICAL SPECIFICATION

AEROBIC PLATE COUNT : <10 CFU/g  
COLIFORM COUNT : <10 CFU/g  
YEAST AND MOLD COUNT : <100 CFU/g

## APPLICATIONS

Suitable to be used in any food products that contain sugar such as beverages, bakery and confectionery products, frozen desserts and ice cream. **Logic™ Sweet LI Low-Calorie Sweetener** can provide great sugar-like taste and no unpleasant aftertaste. **Logic™ Sweet LI Low-Calorie Sweetener** also has excellent heat stability and ingredient compatibility.

## RECOMMENDED DOSAGE :

**Logic™ Sweet LI Low-Calorie Sweetener** is sweeter than sugar. Only 1-30% is needed to replace the entire sugar amount of food product.

## PRODUCT PERFORMANCE :

When suitably applied, **Logic™ Sweet LI Low-Calorie Sweetener** can reduce the calories of food products without causing any unpleasant taste.

## PACKAGING SPECIFICATION

Kraft Paper bags with polypropylene(PP) inlay. Available in 50 kg pack sizes. Keep bags tightly sealed in a cool and dry environment.

## STORAGE CONDITION

Store in a clean, cool, and dry condition.

## SHELF LIFE

Shelf life of product under recommended storage conditions:  
24 months.

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