

Sugar G2 650

Product Specification | PS 238772-2.0EN
Valid from: February 28, 2024

SAP QM no: G2-65000
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Description

Sugar G2 650 is of sound, good quality complying with requirements on EU grade II.
The product presents free flowing crystals, tastes purely sweet; a typical odour related to the agricultural raw material might be perceivable.
Sugar G2 650 is intended for human consumption. It fulfils all requirements of the food industry.

Compliance

Sugar G2 650 is in compliance with the European food legislation.
Especially according to the latest effective amendments as published by the European Commission (c.f. <http://eur-lex.europa.eu/>)
Regulation (EC) No 178/2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety
Regulation (EC) No 852/2004 on the hygiene of foodstuffs
Regulation (EU) No 1169/2011 on the provision of food information to consumers

Directive 2001/111/EC relating to certain sugars intended for human consumption

For packed goods:

Regulation (EC) 1935/2004 on materials and articles intended to come into contact with food including **Regulation (EU) No 10/2011** on plastic materials and articles intended to come into contact with food if applicable.

Sugar G2 650 is not a genetically modified food as defined by **Regulation (EC) 1829/2003**, labelling according to **(EC) 1830/2003** is not mandatory.

Sugar G2 650 does not contain allergens as listed by **Regulation (EU) No 1169/2011** annex II.

The product has not been irradiated.

Sugar G2 650 is halal. Certificate is available on request.

Ingredients

Sugar

Customs tariff code:

17019910

Labelling legal name

Legal name:

White sugar

Declaration proposal for ingredients list:

White sugar or sugar

Physical chemical

Polarisation	.....	min 99.8 °Z
Loss on drying ^{CoA}	.....	max 0.06 %
Invert sugar	.....	max 0.04 %
Conductivity ash ^{CoA}	.....	max 0.027 %
Conductivity ash	.....	max 15 points
Colour in solution ^{CoA}	.....	max 45 IU
Colour in solution	.....	max 6 points
Type of colour	.....	max 9 points
Total points	.....	max 22 points
Insoluble matter	.....	max 20 mg/kg
Sulphite ¹	.....	< 10 mg/kg
Particle Size:		
<0.2 mm ^{CoA}	.....	max 5 %
>1.25 mm ^{CoA}	.....	max 5 %
Mean aperture (MA) ^{CoA}	.....	0.45 - 0.85 mm
Coefficient of variation	.....	max 40 %

¹ Calculated as SO₂

Whilst care is taken to ensure accuracy, legal liability is excluded to the extent permitted by applicable legislation. Due to unavoidable uncertainty in sampling and analytical results, deviations from specified data might occur occasionally. This specification is valid without any signature and it may be updated without prior notice.

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Sugar G2 650 is kosher. Certificate is available on request.

During production substances of animal origin have not been used.

Sensory

Odour typical, without off-odour
Taste purely sweet without off-flavour
Colour white slightly yellowish
Texture free flowing crystals with uniform granulation

Storage conditions

Dry sugar is not subject to a durability indication, therefore a best before date is not necessary. Storage is to be made at ambient temperature (preferably 15-25°C) with relative humidity below 65 %, avoiding all thermic shocks and contact with humid surfaces. Strong odours should be avoided.

Packaging/Material no

During a transition period already existing material numbers will be linked to this specification.

0	.....	Standard materials:
221000	.....	Sugar G2 650 bulk
600	.....	Sugar EEC cat.2 bulk
51482	.....	White sugar fine/medium bulk
52758	.....	Sugar G2 650, bulk
52680	.....	White sugar fine medium bulk cont. inl.
53091	.....	White sugar, bulk G2 650
221020	.....	Sugar G2 650 1x1000kg P01
51200	.....	Sugar 1000kg big bag formstabil euro
46023	.....	Crystal sugar 1000 kg Big Bag
52914	.....	White sugar G2 1000 kg, euro
53063	.....	Crystal sugar 1000 kg Big Bag
221021	.....	Sugar G2 650 1x1200kg P45
52403	.....	Sugar fine/medium 1200kg BB CAN
221050	.....	Sugar G2 650 32x25kg P01
51193	.....	Sugar 32x25 kg PES Euro
53163	.....	White sugar G2 650 32x25kg, euro

Microbiology

ICUMSA methods are applied as far as available.

Salmonella sp	.....	Absent in 25g
Total coliforms	.....	Absent in 10g
Enterobacteriaceae	.....	Absent in 10g
E.coli	.....	Absent in 1 g
Listeria	.....	Absent in 1 g
Spores thermo. bact.	.....	max 150 CFU/10g

Total plate count: ¹

n	.....	5
c	.....	2
m	.....	200 CFU/10g
M	.....	2000 CFU/10g

Moulds: ¹

n	.....	5
c	.....	2
m	.....	10 CFU/10g
M	.....	100 CFU/10g

Yeasts: ¹

n	.....	5
c	.....	2
m	.....	10 CFU/10g
M	.....	100 CFU/10g

n = number of samples

m = Level of the test organism which is acceptable and attainable in food. It separates good quality from marginally acceptable quality; up to and including M.

M = The upper acceptable concentration of a test organism. A count above M for any sample unit is unacceptable.

c = maximum allowable number of results which are $\geq m$ and $< M$.

Heavy metals

Arsenic (As)	.....	max 0.1 mg/kg
Cadmium (Cd)	.....	max 0.1 mg/kg
Chrome (Cr) ¹	.....	max 0.1 mg/kg
Copper (Cu)	.....	max 1.0 mg/kg
Iron (Fe)	.....	max 1.0 mg/kg
Lead (Pb)	.....	max 0.1 mg/kg
Manganese (Mn) ¹	.....	max 0.5 mg/kg
Mercury (Hg)	.....	max 0.01 mg/kg

¹For cane sugar

Nutrition

On average per 100 g

Energy value	.....	1700 / 400 kJ / kcal*
Fat	.....	0 g
of which saturates	.....	0 g
Carbohydrate	100 g
Sugars	100 g*
Protein	0 g
Salt ¹	0 g

¹ Calculated based on sodium content

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221054 **Sugar G2 650 40x25kg P01**
46045Crystal sugar 25 kg
52907 White sugar G2 40x25kg, euro
53070Crystal sugar 25 kg

0 **-Value-up materials:**
46033 Crystal sugar 800 kg Big Bag
52800Sugar G2 650 32x25kg CHEP plastic
52801Sugar G2 650 1000kg BB form CHEP plastic
52915 White sugar G2 1000 kg, plastic-pallet
52908 White sugar G2 40x25kg, plastic-pallet
52909 White sugar G2 32x25kg,plastic-pallet H1
52911 White sugar G2 800kg, euro
52912 White sugar G2 500kg, euro
52913 White G2 800 kg,plastik-pallet H1
52917 Sugar Cat. 2 32x25kg PE plastic-pallet

52925 Sugar G2 650 1000kg onw

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