

СЕРТИФИКАТ ЗА КАЧЕСТВО / CERTIFICATE OF QUALITY

Наименование на продукта Product name	Сладка Стевия Sweet Stevia
Съставки Ingredients	Isomalt 99%, Steviol glycosides 1%
Външен вид Appearance	Бяла, кристална суровина White or almost white, crystalline
Вкус, Мирис Taste, Odor	Сладък, без мирис Sweet, Odour Odourless
Разтворимост Solubility	Водоразтворим Soluble in water
Предназначение Intended use	Суровина за хранителни цели Raw material for food industry

ИЗОМАЛТ / ISOMALT

Параметри / Parameters	Лимит / Limit	Единица / Unit	Метод / Method
Water ¹	Max 5.0	g/100 g	Karl Fischer titration
GPM + GPS ^{1,2}	Min 98	g/100 g d.m.	DIN EN 15086: 2006
Of which GPS ¹	43-57	%	DIN EN 15086: 2006
D-Mannitol ^{1,2}	Max 0.5	g/100 g d.m.	DIN EN 15086: 2006
D-sorbitol ^{1,2}	Max 0.5	g/100 g d.m.	DIN EN 15086: 2006
Reducing sugars (as glucose) ¹	Max 0.2	g/100 g d.m.	ICUMSA GS2/9-6, adapted
Conductivity ¹	Max 20	µScm ⁻¹	ICUMSA GS2/3/9-17, adapted
Ash	Max 0.02	g/100 g d.m.	calculated from conductivity
Arsenic ¹	Max 0.2	mg/kg d.m.	ICUMSA GS2/3-23
Nickel ¹	Max 1	mg/kg d.m.	Ph. Eur. 2.4.15
Lead ¹	Max 0.2	mg/kg d.m.	ICUMSA GS2/3-24
Total heavy metals (as lead) ¹	Max 10	mg/kg d.m.	FCC

¹ on Confirmation of Conformity

² sum ≥ 98 % corresponding to not less than 98 % total hydrogenated mono- and disaccharides

Микробиологични параметри / Microbiological Parameters

Параметри / Parameters	Лимит / Limit	Единица / Unit	Метод / Method
Total mesophilic bacteria (aerobes)	Max 100	cfu/g	ICUMSA GS2/3-41
Yeasts	Max 10	cfu/g	ICUMSA GS2/3-47
Moulds	Max 10	cfu/g	ICUMSA GS2/3-47
Coliforms (incl. E. coli)	Negative	/25g	DIN 10183, adapted

Стевия / Stevia Rebaudiana Bertoni Leaf			
Параметри / Parameters	Спефикация / Specification	Резултат / Result	Метод / Method
Total Steviol glycosides	≥ 95 w/w %	98.10%	HPLC / JECFA 2010
Rebaudioside A (HPLC)	≥ 80 w/w %	6340%	HPLC / JECFA 2010
Total mg SEq in 1 g	-	343 mg	Internal method
Loss on drying	≤ 6%	3.90%	ISO 760, Karl Fischer
Ash	≤ 1%	0.05%	Internal method
pH	4.5 – 7.0	5.5	Internal method

Замърсители / Residues and contaminants

Параметри / Parameters	Спефикация / Specification	Резултат / Result	Метод / Method
Solvents residue Residual ethanol Residual methanol	≤ 5000 mg/kg ≤ 200 mg/kg	< 25 mg/kg < 50 mg/kg	SOP M 1593, static headspace GC-MS SOP M 1593, static headspace GC-MS
Heavy metals Arsenic (As) Lead (Pb)	≤ 1 mg/kg ≤ 1 mg/kg	Not Detected Not Detected	DIN EN 15763, mod. DIN EN 15763, mod.

Микробиологичен анализ / Microbiological analysis

Параметри / Parameters	Спефикация / Specification	Резултат / Result	Метод / Method
Total plate count	≤ 1000 cfu/g	10 cfu/g	DIN EN ISO 4833-1
Yeast and moulds	≤ 100 cfu/g	< 10 cfu/g	ISO 21527-2
E. Coli	Negative	Negative	DIN ISO 16649-2
Salmonella spp.	Negative in 25 g	Negative	DIN 10135 - PCR

Допълнителна информация / Additional Information

1 teaspoon "Sweet Stevia" = 2 teaspoons of sugar

"Sweet Stevia" can be used by diabetics and children. The natural sweetener does not harm the health of the teeth.

Does not contain aspartame! Does not contain artificial sweeteners! Gluten free!

Nutritional value per 100 g:

Energy: 978kJ / 233 kcal

Fat: 0 g

Carbohydrates: 97 g

of which sugars: 0 g

Protein: 0 g

Salt: 0 g

Стойностите в този доклад са в резултат на протокол за изпитване от акредитирана лаборатория. Посочените стойности могат да служат само за информационни цели.