



Functional Gummy for Healthy Aging deposited in non-starch molds

With Rousselot® SiMoGel™ PS and Quali-Blend® Essential

Rousselot SiMoGel is a powerful solution to produce state-of-the-art gummies on starchless confectionery equipment (silicone, metal or blister). Creating unrivalled hygienic conditions, SiMoGel facilitates the production of functional gummies and perfectly answers the need of nutraceutical confectionery producers.

The 12 vitamins from the Quali-Blend Essential defy your age and rejuvenate your skin from the inside in a delicious gummy as delivery form. Naturally colored and flavored by mango pulp.

Recipe (for 100kg of finished product)

(a) Rousselot® SiMoGel™ PS	8 kg
Frozen mango puree (19 °Brix)	18.5 kg
(b) Glucose syrup 60 DE	42 kg
Sugar (sucrose)	34 kg
Water	12 kg
(c) Quali®-Blend Essential DA1 (DSM)	0.08 kg
Water	0.4 kg
(d) Citric acid (50% solution)	2.6 kg

Nutritional facts for 100g of product

Energy	313 kcal 1329 kJ
Fat	0 g
of which – saturates	0 g
Carbohydrate	71 g
of which – sugars	62 g
Protein	7.2 g
Salt	0 g
Vitamin A	192 µg
Vitamin D	1.2 µg
Vitamin E	2.9 mg
Vitamin C	22 mg
Thiamin (vitamin B1)	0.26 mg
Riboflavin (vitamin B2)	0.34 mg
Niacin	3.8 mg
Vitamin B6	0.34 mg
Folic acid	48.0 µg
Vitamin B12	0.60 µg
Biotin	12 µg
Pantothenic acid	1.4 mg

Process

- Dissolve (a) Rousselot SiMoGel PS in hot mango puree (80-90°C).
- Dissolve (c) Quali-Blend in water at room temperature.
- Boil (b) to 125°C. Cool down to 100°C and add the gelatin solution (a).
- Add (c) and (d).
- Deposit immediately in oiled molds or blisters. The TSS should be +/- 79-80°Brix and the temperature 60-80°C.
- Leave the molds at ambient temperature (12-20°C) under ventilation for a few minutes (8-30 min).
- After removal from the molds, the articles are sugar sanded or oiled.
- Final moisture content: 20%

*Formulation complies with EU regulations. Always consult the local requirements regarding labelling outside EU.
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