

Product formulation

PH154CS

SUGARLESS PHARMACEUTICAL CHEWY SWEETS WITH VITAMIN C

FORMULA

		<i>Ingredients Parts by weight</i>	<i>End-product (%) composition</i>
A	LYCASIN [®] 80/55 maltitol solution	681.00	56.6
	PEARLITOL [®] 160 C Mannitol	102.00	11.6
B	Hydrogenated vegetal fat, Toffita, Loders & Croklaan	62.00	7.1
	Glycerol monostearate	4.50	0.5
C	Gelatine type A – 125 bloom	9.00	1.0
	Water	13.00	-
Flavour Lemon, QL 16062, Quest		3.50	0.4
Active Vitamin C		125.00	14.3
Residual moisture		-	8.5
		1 000.00	100.0

METHOD

- Soak the gelatin in water (part C).
- Cook LYCASIN[®] 80/55 maltitol solution and PEARLITOL[®] 160 C mannitol (part A) at 116°C (Brix = 86).
- Add part C to part A and beat at atmospheric pressure in a planetary mixer.
- When the expected aeration is attained, add melted part B and the active.
- Add flavour. Mix
- Cool down.
- Form.

COMMENT

- The active is added at the propitious moment, as a function of its physical and chemical properties.