

SPECIFICATION

General Information	
Product name:	Acerola lozenges without sugar
Botanical Source: Malpighia glabra/punucifolia L. (Acerola)	Article No.: 0022-121-N
Origin: Brazil (Acerola powder), Germany (lozenges)	HS-code: 21069098490
Ingredients:	60 % Acerola fruitpowder extract (Acerola fruitpowder with carrier maltodextrin), Sweetener: Xylitol, natural raspberry aroma, fine rice starch, Filler: Organic Carnauba wax.

BASIC ANALYSIS

Analysis	Description	Test Method
Color *	light pink	visual
Taste / Aroma	fruity, slightly sour	Gustatory
Weight	600 mg	visual
Diameter	11 mm	visual
Vitamin C (Acerola powder)	Min. 17 %	HPLC

* The color may vary naturally depending on ripeness, seasons, climate and geographical area of raw material.

MICROBIOLOGICAL ANALYSIS (Acerola Powder)

according to the category : DGHM 11.2 for dried foods incl. raisins and fruit powders (Stand 2013)

Analysis	Limit/Specification	Test Method
Total aerobes germs	< 100.000 CFU/g	Ph. Eur. 2.6.12 / 2.6.31
Yeast/Mold	< 10.000 CFU/g	Ph. Eur. 2.6.12 / 2.6.31
Enterobacteria	< 100 CFU/g	Ph. Eur. 2.6.12 / 2.6.31
Escherichia coli	< 10 CFU/g	Ph. Eur. 2.6.12 / 2.6.31
Salmonella	Absent in 25g	Ph. Eur. 2.6.12 / 2.6.31

HEAVY METALS (Acerola Powder)

according to the category : food supplements in COMMISSION REGULATION (EC) No 629/2008

Analysis	Limit/Specification	Test Method
Pb (lead)	< 3 mg / kg	Ph. Eur. 2.4.27
Cd (cadmium)	< 1 mg / kg	Ph. Eur. 2.4.27
Hg (mercury)	< 0,1 mg / kg	Ph. Eur. 2.4.27

Pesticides + PAH (Acerola Powder)

Analysis	Limit/Specification	Test Method
Pesticides	0,01 mg / kg	Multimethod §64 LFGB L 00.00-115
PAH 4 "Polycyclic aromatic hydrocarbon"	50 µg / kg	MTH 13 by GCMS