

Product Specification Sheet

Capsugel® A Lonza Company

Empty Hard Gelatin Capsules (Pure Bovine Origin)

ACEF SPA - 001522-26 Page: 1 of 2

Customer: ACEF SPA Product Size: 1

Product Name: 1 CS BIANCO/BLU Type: Coni-Snap
Product Code 001522-26 Print Type: Non Print

BODY CAP

Code: 44.000 Code: 04.000

Name: WHITE OP. Name: LT BLUE OP

IMPRINTING

Qualitative and Quantitative composition *

Composition per unprinted capsule part

Body represents about 60% of the capsule weight

		Body (44.000)		Cap (04.000)		Total Capsule	
Name of excipient(s)	Function	%	mg/body	%	mg/cap	%	mg/capsule
Gelatin**	Structure	qsp100	44.6880	qsp100	30.0555	qsp100	74.7435
Titanium dioxide	Opacifier	2.0000	0.9120	1.0000	0.3040	1.6000	1.2160
Indigotine - FD&C Blue2	Colorant			0.1333	0.0405	0.0533	0.0405
		100	45.6000	100	30.4000	100	76.0000

^{*}The quantities given are based on the theoretical calculations of the average specification weight of the capsules.

Additional information

Specifications: These capsules conform to the specifications as defined in the current edition of the Capsugel "TECHNICAL

REFERENCE FILE".

Packaging information: Standard packaging consists of protective, food antistatic bags inside robust cardboard cartons.

Storage information: Capsugel recommends that our capsules be stored in the closed containers in which they are dispatched in areas

where the ambient temperature is 15°C to 25°C and the relative humidity 35% to 65%.

General commitment: As the supplier of this product, Capsugel will notify of any significant changes that would affect the integrity of the

product. Typically this is defined as Level II changes by the International Pharmaceutical Excipient Council's

Significant Change Guide for Bulk Pharmaceutical Excipients.

Shelf life: Capsugel continues a global stability program and maintains data supporting 5 years shelflife of our capsules.

Color stability information: Capsules containing Indigotine may be sensitive to hot temperature, moisture and light, requiring effective product

packaging.

Manufacturing Processes

No Addition Of Preservatives No Ethylene Oxide Treatment No Irradiation Treatment

^{*}Due to the nature of raw materials, their sourcing and technology improvements, the dyestuff content data indicated are target values and actual values may vary.

^{**}Containing on average 14.5% water (loss on drying)



Product Specification Sheet Empty Hard Gelatin Capsules (Pure Bovine Origin)



ACEF SPA - 001522-26 Page: 2 of 2

Regulatory information							
Name of excipient(s)	E Nr	C.I. Nr	Function	Reference / Monograph standard			
Gelatin			Structure	EP, JP, USP/NF			
Titanium dioxide	E171	77891	Opacifier	(EU) 231/2012, 21 CFR, EP, JP, USP/NF			
Indigotine - FD&C Blue2	E132	73015	Colorant	(EU) 231/2012, 21 CFR, JFSA, MHLW 126			
Emmanuelle Saugues - Color lab S	Supervisor E-m	nail: Emmanu	uelle.Saugues@	2Lonza.com Tel: +33 (0)3 89 20 57 18			
Kaat Bracquiné - Sr.Mgr.QC & Reg. E-mail: Kaat.Br		nail: Kaat.Bra	cquine@Lonza	.com Tel: +32 (0)3 890 0645			

Date: Feb 05, 2019

Capsugel France SAS, Rue Timken 10 - F68027 Colmar - France Capsugel Belgium NV, Rijksweg 11 - 2880 Bornem - Belgium