

To: : KINGNATURE GMBH
Date : 16/04/2014
Subject : Certificate of analysis

Dear customer,

Please find enclosed the certificate of analysis for

Customer PO number : MAIL R. CARMINE/2/15.03.14

Product name : VCAPS+ SIZE 00 NAT TR

Product code : 008893-02

Product size and type : 00, CONI-SNAP

Capsugel ordernumber : 2237077-2-1

Capsugel lotnumber : 71120481

Imprinting logo : /

Imprinting ink : /

Please note that these capsules were produced under the following production lotnumber(s):

71120481

at Capsugel USA, we therefore attached the original certificate.

Please check the certificate for the more detailed country of origin.

Hoping this information is useful to you, we remain at your disposal for any further question.

Best regards,

CAPSUGEL - BORNEM
Sophie De Keersmaecker - Quality Assurance
Rijksweg 11 - 2880 Bornem -Belgium
Tel: +32 (0)3 8900588

TO THE ATTENTION OF:

CAPSUGEL BELGIUM NV
RIJKSWEG 11

CAPSUGEL®

CERTIFICATE OF ANALYSIS

Page 1 of 2

The capsules are produced under very carefully controlled conditions. Controls are performed continuously throughout the process and guarantee that capsules conform to the highest quality standards. The capsules described below conform to the specifications as defined in the current edition of the Capsugel "Technical Reference File for Empty Vcaps® Plus Capsules"

PRODUCT DESCRIPTION Empty Vcaps® Plus Capsules

Customer:	CAPSUGEL BELGIUM NV	Capsugel Lot Number:	71120481
Product Name:	Sz 00 Natural / Natural	Customer Reference:	PO235904 01 01 / STOCK
Product Code:	0031504	Product Size:	Size 00, CS
Manufacturing Date:	28 Mar 2014	Type:	Coni-Snap
		Capsugel Part Number:	G60CS000523
Expiration Date:	28 Mar 2019		

BODY

Code: V43.900
Name: NATURAL TP

CAP

Code: V43.900
Name: NATURAL TP

IMPRINTING

Logo:

Design / Roll Code:
Ink:

Body Composition

Hypromellose QSP 100%

Cap Composition

Hypromellose QSP 100%

Due to the nature of raw materials, their sourcing, and technology improvements, the colorant composition data indicated are target values and actual values may vary to insure the consistency of lot color. Capsugel supports the expiry date if recommendations for warehousing and transportation are observed (recommended: 15°C-25°C and 35%-65% relative humidity)

Ingredient / Reference	E Nr	C.I. Nr	Function	Regulatory References
Hypromellose	E464		STRUCTURE	(EU)231/2012,EP,JP,USP/NF

ANALYTICAL DATA

Characteristics	Test Method	Units	Specifications	Results	
Identification of hypromellose	WI-0102A		Conforms to composition	pass	*
Sulphated ash	WI-0108B	%	Less than 6	2	*
Arsenic	WI-0104H	ppm	Less than 1.5	0.000	*
Lead	WI-0104F	ppm	Less than 1	0.027	*
Cadmium	WI-0104E	ppm	Less than 0.5	0.002	*
Mercury	WI-0104G	ppm	Less than 0.1	0.011	*
Disintegration time	WI-0101B	min/sec	Less than 15:00	5:10	*
Aspect	WI-0098A		Conforms	pass	*
Description	WI-0098B		Conforms	pass	*
Loss on drying	WI-0119	%	Less than 9.0	4.2	
Average weight	WI-0118	mg	Between 115 and 129	119.5	
Escherichia coli	WI-0111		Absence in 1 gram	pass	
Salmonella	WI-0113		Absence in 10 grams	pass	*
Staphylococcus aureus	WI-0114		Absence in 1 gram	pass	
Pseudomonas aeruginosa	WI-0112		Absence in 1 gram	pass	
Total Yeast and Mold Count	WI-0116	cfu/g	Less than 100	<10	*
Total Aerobial Microbial Count	WI-0115	cfu/g	Less than 1000	<10	

* Reduced frequency testing

CERTIFICATE OF ANALYSIS

Customer: CAPSUGEL BELGIUM NV

Capsugel Lot Number: 71120481

Physical Characteristics:

"This product conforms to established A.Q.L.'s for Physical Attributes."

"Appearance - Clean empty capsules, meeting the specified requirements of color and size."

"Odor - Free of disagreeable odor."

"The reported disintegration time is subjective, and is provided to indicate Pass/Fail status for 15 minutes."

Residual Solvent Statement:

In accordance with ICH Q3C residual solvent guideline, Class 3 Solvents may be used according to good manufacturing practices such that their cumulative value does not exceed 5000ppm or 0.5%, under option 1 as defined in ICH Q3C, USP<467>, and EP General Text 5.4.

Preservative Status:

Capsules are manufactured without the addition of preservatives

Capsules are manufactured without ethylene oxide treatment or (Ethylene Oxide is not used for terminal microbial control of empty capsule)

Capsules are manufactured without irradiation treatment

**CAPSUGEL –
GREENWOOD**
Quality Assurance
F0071120481002002

07/04/14 13:48:11 -04:00

X*Natasha Wright*

WRIGHS02**Approval Date & Time: 07 Apr 2014 01:48:10 PM**

Approver
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Outgoing Quality Assurance Technician

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