



CERTIFICATE OF QUALITY

ACG

Customer Name: ACG EUROPE LTD.			
NAME OF THE PRODUCT: Cellulose Capsule shells		COA No : 040000087794	
Customer's Code : Cellulose Kapselhüllen		Spec Ref : ACPL0002	
Product Code : AC77198		Del.Chal No: 2101251042	
Cap Colour : CLEAR TRANS		Body Colour: CLEAR TRANS	
Size : 1		Lock Type : EZEE FIT	
Batch No : 1110012976		Qty In Nos : 3500000	
Mfg .Date : NOV 2006		Expiry Date : OCT 2009	
PRINTING DETAILS : No Printing			
TEST	SPECIFICATION	UNIT	RESULT
<u>IDENTIFICATION</u>			
1 Description	Unlocked cylindrical capsules	-	Complies
2 Capsule colour	As per approved colour shade	-	Complies
3 Identification of HPMC	Tests positive for HPMC	-	Complies
<u>PERFORMANCE</u>			
1 Disintegration Time	Max 15	MIN	10.310
2 Loss on Drying	3.00 - 8.00	%	5.550
3 Average Weight	70.68 - 81.32	MG	76.260
<u>PURITY</u>			
1 Odour	No foreign odour	-	Complies
<u>SAFETY</u>			
1 Sulphated ash	Maximum 7%	-	Complies
2 Arsenic	Maximum 3 ppm	-	Complies
3 Heavy Metals	Maximum 10 ppm	-	Complies
4 Lubricant content	Maximum 0.5%	-	Complies
<u>MICROBIAL LIMITS</u>			
1 Total Bacterial count (cfu/g)	0 - 500	CFU	90
2 Yeast and Molds (cfu/g)	0 - 100	CFU	10
3 E.coli	Absent in 10g	-	Absent
4 Salmonella	Absent in 10g	-	Absent
5 Pseudomonas aeruginosa	Absent in 10g	-	Absent
6 S.aureus	Absent in 10g	-	Absent
DISPOSITION: The above batch conforms to the prescribed release specifications for Cellulose Capsule shells			

Business Address:

73 St. Mary's Mansions
St. Mary's Terrace,
London W2 1SY, UK

Phone: +44 207 724 5692
E-mail: info@acg-europe.com
Web: www.acg-europe.com

Registered Office of 3
44, Springfield Road,
Horsham,
West Sussex
RH 12 2PD, UK
Company No. 4877154

ACG Europe Ltd

A member of ACG Worldwide



Customer Name: ACG EUROPE LTD.

NAME OF THE PRODUCT: Cellulose Capsule shells

Customer's Code :

Product Code : AC77198

Cap Colour : CLEAR TRANS

Size : 1

Batch No : 1110012976

Mfg .Date : NOV 2006

COA No : 040000087794

Spec Ref : ACPL0002

Del.Chal No:2101251042

Body Colour: CLEAR TRANS

Lock Type : EZEE FIT

Qty In Nos : 3500000

Expiry Date : OCT 2009

PRINTING DETAILS : No Printing

Prepared By :
Name :
Designation :
Date :

Pene
Trypti
Microbiologist
27/11/06

Approved By :
Name :
Designation :
Date :

Wendy
To. office
24/11/06

Business Address:

73 St. Mary's Mansions
St. Mary's Terrace,
London W2 1SY, UK

Phone: +44 207 724 5692
E-mail: info@acg-europe.com
Web: www.acg-europe.com

Registered Office of 3
44, Springfield Road,
Horsham,
West Sussex
RH 12 2PD, UK
Company No. 4877154

ACG Europe Ltd

A member of ACG Worldwide

PRODUCT INFORMATION



Product Description : Cellulose Capsule shells

Product Code : AC77198

Customer's Code :

COMPOSITION

COMPONENT	SPECIFICATION	NOMINAL QUANTITY (%)
Hydroxypropylmethylcellulose	USP+IP+ACPL	q.s for 100
Purified Water	Ph.Eur+IP	4 - 6
The capsules are Free From Preservatives		
CAP		
BODY		
Limitations: The indicated composition data are target values. The actual values may vary for matching the colour.		
All ingredients are of pharmaceutical grade		
Product is manufactured in a ISO certified plant under cGMP conditions		

Transportation	Between 15 Deg C & 30 Deg C	Between 40 % & 65% RH
Storage	Between 15 Deg C & 30 Deg C	Between 40 % & 65% RH
Usage	Between 25 Deg C & 30 Deg C	Between 45 % & 55% RH
Handling Precautions	a. Do not store near a source of heat. b. Avoid wide temperature fluctuation during storage. c. Do not leave the capsules in a hopper. d. Keep mouth of the bag closed when not in use.	
Shelf Life	3 Years form date of manufacturing.	
Machine setting requirement		
Capsule Size	00 0 0E 1 2 3 4 5	
	Recommended Closed Jointed Length in mm (Tolerance on avg of 10 +/- 0.4mm)	
Ezee Fit Lock	23.5 21.4 23.2 19.3 17.8 15.8 14.4 11.4	
NVE	23.5 21.4 23.2 19.3 17.8 15.8 14.4 11.4	
New Seal Lock	23.5 21.4 23.2 19.3 17.8 15.8 14.4 11.4	
Standard Lock		14.5 11.4
	Approximate capacity in ml	
Volume	0.95 0.68 0.78 0.50 0.37 0.30 0.21 0.10	

Business Address:
73 St. Mary's Mansions
St. Mary's Terrace,
London W2 1SY, UK

Phone: +44 207 724 5692
E-mail: info@acg-europe.com
Web: www.acg-europe.com

Registered Office of 3
44, Springfield Road,
Horsham,
West Sussex
RH 12 2PD, UK
Company No. 4877154