



CERTIFICATE OF ANALYSIS

References if any:

Customer Name:		C.O. A. No:			
		Date:			
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Name of Product:	Empty Hard Gelatin Capsules Shell (I.P.)	Mfg. Date:		Qty.	
Batch No.		Expiry Date:		Order No.	
Colour Code	Cap:	Printing		Size of Capsules:	ZERO
	Body:				

Empty Capsules Contents	Gelatin
	Water
	Sodium Lauryl Sulphate
	Preservatives (Methyl paraben, Propyl paraben)

Colours Used			
Cap	C.I. No.	Body	C.I. No.

Gelatin Used :	
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NOTE : Gelatin used is free of B.S.E. & T.S.E

Printing Ink Colour	Cap :	Printing Message	Cap :
	Body :		Body :

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TEST	SPECIFICATION	METHOD	RESULT
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PHYSICAL TESTS

Description	Cylindrical, Opaque, Telescopic Capsules, Transparent	I.P.	Complies
Identification	Passes as per (I.P.)	I.P.	Complies
Av. Wt. Of Capsules	96 Mg \pm 07%	I.P.	96.7 Mgs
Disintegration Time	Less Than 15 Minutes	I.P.	9:50 Minute
Loss on Drying	12.5 % - 16.0 %	I.P. / USP	14.0-15.0 %
Self Locking Feature	Shell and body lock together and are not readily separated.	EPL	Complies
Brittleness	Shell deforms under pressure but dies not crack	EPL	Complies

MICROBIOLOGICAL TESTS

Total Bacterial Count	Less Than 1000 cfu / gm	I.P. / USP	54 Cfu/gm
Escherichia Coli	Absent	I.P. / USP	Absent
Salmonella	Absent	I.P. / USP	Absent
Staphylococcus Aureus	Absent	I.P. / USP	Absent
Pseudomonas	Absent	I.P. / USP	Absent
Yeast and Moulds	Absent	I.P. / USP	Absent

DIMENSIONS

	Cap	Body	Method	Result
Length	11.18 \pm 0.5 mm	18.72 \pm 0.5mm	I.P.	Complies
Double Wall Thickness	0.205 \pm 0.018mm	0.195 \pm 0.018mm	I.P.	Complies
Outside Diameter	7.63 \pm 0.06mm	7.32 \pm 0.06mm	I.P.	Complies
Prelock Length of Capsules	23.6 \pm 0.4mm		EPL	Complies
Closed Joined Length	21.8 \pm 0.4mm		EPL	Complies

Remark : Above sample complies to the test and specification mentioned.

(Q.C. LAB)

(F.Q.C. INCHARGE)

(Q.C. DEPARTMENT)