

1. PRODUCT DESCRIPTION: Empty Cellulose Capsules					
Product Name:	Cellulose Capsules Shells	Our Reference:	HV00CT B		
Packing Batch Number: HC221823	Capsule Size: 00	Capsules Batch Number:	1100224140		
Manufacturing Date:	Aug 2022	Expiration Date:	Jul 2027		
Cap Color Name:	Clear TR	Body Color Name:	Clear TR		
Closed Joined length (mm):	23.5 (Tolerance: ± 0.4)	Volume: 0.95 ml (Tolerance: Approx Capacity)			

2. Cap Composition:	(in %)	3. Body Composition:	(in %)
Hydroxypropylmethylcellulose	qsp 100	Hydroxypropylmethylcellulose	qsp 100
Purified Water	4 -6	Purified Water	4 -6
Carrageenan	2.0	Carrageenan	2.0
Potassium Acetate	1.5	Potassium Acetate	1.5

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. We supports the expiry date if precautions for warehousing and transportation are observed (Recommended: 15°C-30°C and 35%-65% relative humidity)

4. Ingredient/Reference:	C.I No.	EEC No.	Function	Reference
Hydroxypropylmethylcellulose	-	=	Structure	USP+Ph.Eur+IP
Purified Water	-	_	-	Ph.Eur+IP
Carrageenan	-	-	_	USPNF+Ph.Eur
Potassium Acetate	-	=	=	USP+Ph.Eur

In Accordance with ICH Q3C guidelines, 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 1as defined in ICH Q3C, USP-467 & Ph. Eur General Text 5.4.

5.Characteristics:	Units	Specifications	Results
Identification of HPMC	_	Positive	Pass
Identification of TiO2	-	Conforms to Composition	Not Applicable
Identification of dyestuffs	-	Conforms to Composition	Not Applicable
Identification of iron oxides		Conforms to Composition	Not Applicable
Arsenic	ppm	Less than 1	Pass *
Lead	ppm	Less than 1	Pass *
Mercury	ppm	Maximum 0.1ppm	Pass *
Cadmium	ppm	Maximum 0.5ppm	Pass *
Lubricant content	%	Less than 0.5	Pass *
Disintegration time	min/sec	Less than 15:00	6:00
Loss on drying	%	3.0 to 8.0	6.1
Average weight	mg	114.3 – 139.7	123.5
Total Aerobic microbial count	cfu/g	Less than 500	· Pass
Escherichia coli	_	Absent in 1 gram	Pass
Salmonella species	-	Absent in 10 gram	Pass
Pseudomonas aeruginosa	-	Absent in 1 gram	Pass
Staphylococcus aureus	-	Absent in 1 gram	Pass
Total combined Yeast and Mold count	cfu/g	Less than 100	Pass

^{*}Process monitoring Data

6. 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.

Odour - Free of disagreeable odour.

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

7.TSE/BSE regulation:

Cellulose capsules shells are not concerned by the requirements of regarding TSE/BSE of regulation (EC) No. 999/2001 and amendments thereof, EMEA/410/01 & USFDA - 9CFR part 94.23. The cellulose Capsules shells do not pose any TSE/BSE risk.

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.

8. Kosher Certification:

Empty Cellulose capsules are certified as Kosher by Kosher Inspection Services-India, Registration Number 246.

9. Handling Precautions:

- a) During usage, Temperature between 20°C to 25 °C and RH between 45% to 55%.
- b) Use only Stainless Steel (Inox) Scoops and Spatulas
- c) Do not leave capsules in machine hopper for prolonged period when not in use
- d) Close bag when not in use.

10. Manufacturing Processes:

No addition of preservatives, No ethylene oxide treatment and No irradiation treatment.

World Sales & Service:

For further information on capsules, filling machines, dosing devices or assistance with research or other industrial use Contact: Torpac Inc., 333 US 46, Fairfield, NJ 07004, USA. Tel.: 1-973-244-1125 Fax: 1-973-244-1365 www.torpac.com, e-mail: info37@torpac.com

This lot of capsules described is hereby certified to you.

Name: Rajendra Chaudhari 13-Sep.-2022

Title: Sr. Executive Q.A.