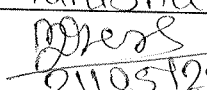
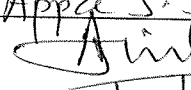
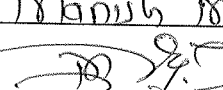


	RAW MATERIAL SPECIFICATION			Page No.	1 of 3
	Quality Control Department				
Name of Raw Material	Sodium Alginate 800				
Specification No.	RM/SPEC/ IP /107-02	Supersedes No.:	01		
Reference	IP	Effective Date	21/05/2025		
Ref. Annexure No.	A/SOP/QC/030/02	Review Month	Apr'2030		

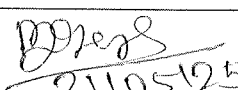
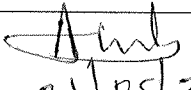
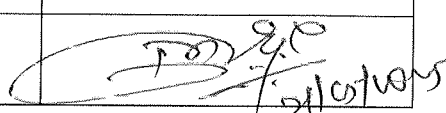
GENERAL INFORMATION

Pharmacopeial reference	: IP				
Special requirement of pack	: Material should be packed in food grade fiber bags.				
Approved vendor	: Please refer current approved vendor list.				
Handling hazards	: Refer Material Safety Data Sheet				
Quantity to be sampled	<table border="1"> <tr> <th>Analysis Sample</th><th>Control sample</th></tr> <tr> <td>60 g</td><td>120 g</td></tr> </table>	Analysis Sample	Control sample	60 g	120 g
Analysis Sample	Control sample				
60 g	120 g				
Retest Period	: 12 Months				
Storage	: Store protected from light.				

	PREPARED BY	REVIEWED BY	APPROVED BY
Name	Manisha Dhore	Appa S. Shinde	Manish Malgion
Sign/Date	 21/05/25	 21/05/25	 21/05/25
Designation	SO-Executive	Asst-Manager	Manager
Department	Quality control	Quality Control	Quality Assurance

	RAW MATERIAL SPECIFICATION		Page No.	2 of 3
	Quality Control Department			
Name of Raw Material	Sodium Alginate 800			
Specification No.	RM/SPEC/IP/107-02			

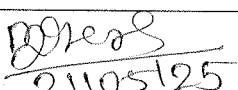
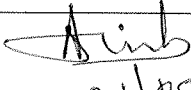
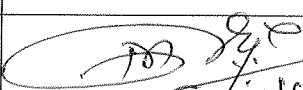
Sr. No.	TEST	SPECIFICATIONS	REFERENCE
01.	Description [#]	A cream-coloured to pale yellowish brown powder.	IP
02.	Solubility	Slowly soluble in water forming a viscous, colloidal solution; practically insoluble in ethanol (95%) and in ether.	IP
03.	Identification		IP
	Test A	A voluminous gelatinous precipitate should be produced.	
	Test B	A gelatinous mass should be produced.	
	Test C	The upper layer exhibits a deeper bluish red colour than the upper layer should be obtained by repeating the procedure without the substance under examination.	
	Test D : Reaction of Sodium salts	A dense white precipitate should be formed.	
04.	Heavy Metals	NMT 40 ppm	IP
05.	Chloride	NMT 1.0 %	IP
06.	Sulphated Ash	30.0 to 36.0 %	IP
07.	Loss On Drying [#]	NMT 15.0 %	IP
08.	Microbial Contamination [#]		IP
	1. Microbial Enumeration Tests		
	Total Aerobic Viable Count (TAVC)	NMT 10 ³ cfu/g	
	2. Tests for Specified Microorganisms		
	<i>Escherichia coli</i>	Absent/1g	
	<i>Salmonella</i>	Absent/10g	
	<i>Shigella</i>	Absent/10g	
#: Re-evaluation tests			

	PREPARED BY	REVIEWED BY	APPROVED BY
Sign/Date	 21/05/25	 21/05/25	 21/05/25

	RAW MATERIAL SPECIFICATION	Page No.	3 of 3
	Quality Control Department		
Name of Raw Material	Sodium Alginate 800		
Specification No.	RM/SPEC/IP/107-02		

REVISION HISTORY FOR SPECIFICATION:

Revision No.	Revision Description	Effective Date
01	Specification prepared as per Approved Change control CC/PD/25/002	28/01/2025
02	SPEC and ATR prepared as per approved change control No. CC/QC/25/008	21/05/2025

	PREPARED BY	REVIEWED BY	APPROVED BY
Sign/Date	 21/05/25	 21/05/25	 21/05/2025