

Process Control Table

Product name

Correction① Added extraction temperature 2015.10.29

Correction② Neutralization process specified 2018.1.10

Manufacturing process	Harm	Importance	Management standard	Monitoring/Measurement	Step of inconvenient	Record/Verify
Harvesting salmon nasal cartilage						
Separation/ Sterillization/ Washing			UV sterilization (wavelength:254nm,intensity: 30,000 (μw*sec/cm2) or more)			
Freezing			Saline solution (NaCl:0.9%)			
Freeze-dry						
Crushing						
Extract			Distilled water/ NaOH aqueous solution	NaOH:0.03 to 0.04%		
Neutralization				pH 7.0 to 8.0		
Filtration						
Drying			Degree of vacuum : 0.1Mpa Temperature in drying furnace	Temperature in drying furnace MAX40°C		
Crushing						
Sieve sorting			30 mesh			
Magnet trap			14,000 Gauss			
Subdivision						
Packaging						
Quality control analysis			Moisture content : less than 10% Bacteria test : 3,000 or less/g			

Presence of solvent used	No	<input checked="" type="radio"/> Yes	(Substance name : Caustic soda/Acetic acid Residue level:)
Presence of radiation sterilization	<input checked="" type="radio"/> No	Yes	

Countermeasure of contamination(Fill out the items at the final stage during the manufacturing process, select the presence or absence of the following equipment with a circle. If Yes, fill out the field below of magnet/metal detector/sieve)

Magnet	presence	<input type="radio"/>	Metal detector	presence	<input type="radio"/>	X-ray detector	presence	<input type="radio"/>	Sieve	presence	<input type="radio"/>
	absence	<input type="radio"/>		absence	<input type="radio"/>		absence	<input type="radio"/>		absence	<input type="radio"/>
Shape									Size	30 mesh	
Notarization magnetic intensity	14,000 Gauss										

Manufacturing record (sheet)

Submission :Yes :No