



## PRODUCT SPECIFICATION

**Product Name:** Serratiopeptidase      **Source:** *Serratis.sp*  
**Temperature range:** 35°C ~60°C      **Optimum Temperature:** 50°C  
**PH range:** Effective pH 6.0~13.0      **Optimum pH:** 11.0  
**Standards:** Serratiopeptidase Activity JP

ITEMS		SPECIFICATION	METHOD
Sensory Index	Appearance	Beige to light grayish brown powder	Visual
	Odor & taste	Characteristic odor and taste	Taste
	Moisture	≤7%	Moisture Analyzer
Identification	Identifiable activity	Positive for Serratiopeptidase Activity	In-house
Activity	Serratiopeptidase Activity, SPU/mg	≥2,500 SPU/mg	JP
Heavy Metals	Pb, ppm	≤3 ppm	USP <231>
	As, ppm	≤ 1 ppm	USP <231>
	Hg, ppm	≤ 0.1 ppm	USP <231>
	Cd, ppm	≤ 1ppm	USP <231>
Microbiological	Total Plate count	≤ 1000CFU/g	FDA BAM Online Ch.3
	Coliform Group	≤30CFU/g	FDA BAM Online Ch.4
	Salmonella	Absent	FDA BAM Online Ch.5
	Escherichia coli	Absent	FDA BAM Online Ch.4
	Staphylococcus aureus	Absent	FDA BAM Online Ch.12
	Mold & yeast count	≤100CFU/g	FDA BAM Online Ch.18
	Pseudomonas aeruginosa	Absent	AOAC

**Packaging:**

25KG/paper drum

**Shelf Life:** Shelf life under prescribed storage conditions and air-tight packing will be 2 years.

**Storage condition:** Store in cool, dry place protected from light, keep barrel close when not in use.