



**gonmisol**  
FINE INGREDIENTS

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**Certificate of Analysis**

**Serratiopeptidase 2500 IU/mg**

Batch	Manufactured	Expiration
SRP14199	01/02/15	01/02/20

Appearance	Off white to light brown coloured powder, Hygroscopic.	Off white powder, Hygroscopic
Optimum temperature	30°C to 55°C	Complies
Optimum PH	4.0 to 7.5	Complies
Inactivation PH	<3.0&>9.5	Complies
Taste	Natural	Complies
Particle size [mesh]: Sieve test	100% passes through 40 mesh	Complies
Loss on drying	<6.00% at 60°C, 4 H and 0.7 kPa	3.86%
Residue on Ignition	<1.5	1.39%
Solubility in Water	Readily soluble in water; insoluble in organic solvent	Complies
Enzyme Activity		
Activity	> 2500 IU/mg	2558 IU/mg.
Microbiological Quality		
Total viable aerobic count (TVAC)	<1000/gram	Complies
Total combined yeast/moulds count (TYMC)	<100/gram	Complies
Bile-tolerant gram - negative bacteria	<100/gram	Complies
E.coli	Absent / 25 Gram	Complies
Salmonella	Absent	Complies
Staphylococcus aureus	Absent	Complies
Heavy Metals		
Heavy metal content	<50 ppm	Complies
Arsenic (As)	<5 ppm	Complies
Added Excipient/Carrier	Lactose	Complies

The product complies as per the above specifications.

Storage: If stored at temperature higher than 25°C, The specific activity should be retested in 5 months intervals.