



SG Chemicals Pte Ltd

Product Data Sheet

Product: Bovine Bone Gelatine (type B lamed bone gelatins)

Applications: For manufacturing of soft (softgels) and hard gelatin capsules. We can customise gelatins are per customer requirements.

Shelf-life: 5 years

TESTS	SPECIFICATIONS
PHYSICAL AND CHEMICALS TESTS	
<i>Gel strength</i> (6.67% at 10°C for 16-18 hours)	Customisable (from 150 g to 270 g)
<i>Moisture</i>	Max. 13%
<i>pH</i> (10% at 30°C)	5.5 – 6.2
<i>Viscosity</i> (6.67% at 60°C)	Customisable (from 30 – 50 mPs)
<i>Appearance</i>	Faint yellow powder
<i>Odour</i>	Free from disagreeable odour
<i>Solubility</i>	Soluble in hot water
<i>Transmittance % (510 nm)</i>	Min. 75%
<i>Ash</i>	Max. 2%
<i>Sulfur Dioxide SO2 (ppm)</i>	Max. 40
<i>Iron (ppm)</i>	Max. 10 ppm
<i>Arsenic (ppm)</i>	Max. 0.8 ppm
<i>Cadmium (ppm)</i>	Max. 0.5 ppm
<i>Lead (ppm)</i>	Max. 5 ppm
<i>Mercury (ppm)</i>	Max. 0.15 ppm
MICROBIAL TESTS	
<i>Total Bacterial Count</i>	< 500 cfu/gm
<i>Escherichia Coli /10 g</i>	Absent
<i>Salmonella sp /10 g</i>	Absent
<i>Yeast and molds (MAHS)</i>	< 100 cfu/gm