

**Product Name: Calcium Alginate**

ITEM	STANDARD
appearance	white to yellowish brown filamentous, grainy, powder
assay(C <sub>6</sub> H <sub>7</sub> Ca <sub>1/2</sub> O <sub>6</sub> ) <sub>n</sub>	89.6%- 104.5%
CALCIUM	8.0- 11.5%
mesh	90% pass 60 mesh
LOSS ON DRYING(105°C, 4h)	≤15%
PH (1% Solution)	6.0 - 9.5
sulphate ASH	28- 36%
LEAD (PB)	≤5 PPM
ARSENIC (AS)	≤3 PPM
TOTAL HEAVY METAL	≤20 PPM
TOTAL plate COUNT	< 5000CFU/G
YEAST AND MOULD	< 500CFU/G
SALMONELLA	ABSENT
E. COLI	ABSENT IN 25