

PHYSICO-CHEMICAL CHARACTERISTICS

Appearance of powder	yellow to beige
Solubility in water 2 %	total
Stability after autoclave	no precipitate
Dry matter (%)	≥ 94.0
pH (solution 2 %)	6.5-7.5
Amino Total TN (% w/w)	10.0-11.8
Amino Nitrogen AN (% w/w)	4.5-5.8
Sodium chloride (%)	≤ 0.5
Proteins (TNitrogen x 6.25)	62.5-73.8
Total carbohydrates	7.0-13.0
Vitamin contents (non exhaustive):	
Thiamine (Vitamin B1)	15-110 mg/kg (ppm)
Riboflavin (Vitamin B2)	80-130 mg/kg (ppm)
Pantothenic acid (Vitamin B5)	200-400 mg/kg (ppm)
Pyridoxine (Vitamin B6)	30-100 mg/kg (ppm)
Biotin (Vitamin B8)	3-10 mg/kg (ppm)
Folic acid (Vitamin B9)	15-60 mg/kg (ppm)
Cyanocobalamin (Vitamin B12)	1-5 µg/kg (ppm)
Niacin (PP Factor)	600-1000 mg/kg (ppm)
Total aerobic microbial count	
Coliforms	< 5000 CFU/g
Moulds and yeasts	< 5 CFU/g
Spores of <i>Clostridium perfringens</i>	< 100 CFU/g
<i>Staphylococcus aureus</i>	< 10 CFU/g
<i>Escherichia coli</i>	absent in 10 g
<i>Salmonella spp.</i>	absent in 10 g
	absent in 25 g