

General Composition	g/100g
Protein	60-70
Carbohydrate	16-20
Lipids	6.0-8.0
Minerals	6.0-9.0
Moisture	2.5-7.0
Phytopigments	mg/100 g
Total Carotenoids	400-600
Beta Carotene	150-300
Xanthophylls	NLT 250
Zeaxanthin	90-110
Chlorophyll	1.2-1.8
Phycocyanin	15000-20000
Fatty Acids	g/100 g
Myristic acid	0.01-0.03
Palmitic acid	2.0-3.0
Stearic acid	0.01-0.05
Oleic acid	0.1-0.2
Linoleic acid	1.0-1.5
Gamma Linolenic acid	1.0-1.5
Saturated Fat	2.0-3.0
Polyunsaturated Fat	2.0-2.5
Monounsaturated Fat	0.2-0.4
Trans Fat	0
Vitamins	mg/100 g
Vitamin B1 (Thiamine)	1.0-2.0
Vitamin B2 (Riboflavin)	4.0-7.0
Vitamin B3 (Niacin)	10.0-20.0
Vitamin B6 (Analogue)	0.2-0.5
Folic Acid	0.1-0.3
Inositol	80-100
Vitamin K1	2.0-4.0
Microbiology	
SPC (cfu/gm)	NMT 50000
Y&M (cfu/gm)	NMT 100
EBC Count (cfu/gm)	NMT 100
E.coli/Salmonella/Stapp	Absent/25gm

Amino acid	g/100g
Alanine	4.0-5.0
Arginine	4.0-5.0
Aspartic acid	4.5-6.0
Cystine	0.4-0.6
Glutamic acid	7.5-9.0
Glycine	3.0-4.0
Histidine	0.9-1.2
Isoleucine	3.0-4.0
Leucine	5.0-6.0
Lysine	2.5-3.5
Methionine	1.0-1.5
Phenylalanine	2.5-3.5
Proline	2.0-3.0
Serine	2.5-3.5
Threonine	2.5-3.5
Tryptophan	0.8-1.0
Tyrosine	2.5-3.5
Valine	3.0-4.0
Minerals	mg/100 g
Calcium	100-150
Phosphorus	800-1200
Magnesium	200-400
Iron	25-60
Sodium	800-1200
Potassium	1000-2000
Zinc	1.0-3.0
Copper	0.3-0.8
Manganese	3.0-5.0
Selenium	0.003-0.010
PAH	
PAH 4 (µg/kg)	NMT 50 (Average <10)
Benzopyrene (µg/kg)	NMT 10 (Average < 2)
Heavy metals (µg/g)	
Arsenic	NMT 0.5 (Average <0.10)
Lead	NMT 0.2 (Average <0.08)
Cadmium	NMT 0.15 (Average <0.05)
Mercury	NMT 0.025 (Average <0.01)
Others	
ETO (mg/kg)	<0.01 mg/kg
Pesticides (mg/kg)	<0.01 mg/kg