

General Composition	g/100g
Protein	50-60
Carbohydrate	15-25
Lipids	8.0-15.0
Minerals	5.0-9.0
Moisture	2.5-7.0
Phytopigments	mg/100 g
Total Carotenoids	400-700
Beta Carotene	50-100
Lutein	250-500
Zeaxanthin	30-70
Chlorophyll	2000-3500
Fatty Acids	g/100 g
Myristic acid	0.15-0.25
Palmitic acid	1.5-2.5
Stearic acid	0.01-0.05
Oleic acid	0.4-0.6
Linoleic acid	1.5-2.5
Alpha Linolenic acid	2.0-3.0
Saturated Fat	3.0-4.0
Polyunsaturated Fat	3.0-4.0
Monounsaturated Fat	1.0-1.5
Trans Fat	<0.10
Vitamins	mg/100 g
Vitamin B1 (Thiamine)	1.0-2.0
Vitamin B2 (Riboflavin)	4.0-6.0
Vitamin B3 (Niacin)	15.0-25.0
Vitamin B6 (Pyridoxine)	1.0-2.0
Vitamin B12 (Microbial Assay)	350-450
Folic Acid	1.0-3.0
Inositol	150-250
Vitamin K1	1.0-2.0
Biotin	0.02-0.04
Pantothenic acid	2.0-5.0
Microbiology	
SPC (cfu/gm)	NMT100000
Y&M (cfu/gm)	NMT 100
EBC Count (cfu/gm)	NMT 100
E.coli/Salmonella/Stapp	Absent/25gm

Amino acid	g/100g
Alanine	3.0-5.0
Arginine	3.0-4.0
Aspartic acid	4.0-5.0
Cystine	0.4-0.6
Glutamic acid	5.0-6.0
Glycine	2.0-4.0
Histidine	0.9-1.5
Isoleucine	2.0-3.0
Leucine	4.0-5.0
Lysine	3.0-5.0
Methionine	1.0-1.5
Phenylalanine	2.5-3.0
Proline	2.0-3.0
Serine	1.5-2.5
Threonine	2.0-3.0
Tryptophan	1.0-1.5
Tyrosine	1.5-2.5
Valine	2.5-3.5
Minerals	mg/100 g
Calcium	200-500
Phosphorus	500-1000
Magnesium	200-300
Iron	25-80
Sodium	700-1500
Potassium	800-1200
Zinc	1.0-6.0
Copper	2.0-3.0
Manganese	5.0-7.0
Selenium	0.05-0.1
Iodine	0.2-1.0
PAH	
PAH 4 (µg/kg)	NMT 50 (Average<10)
Benzopyrene (µg/kg)	NMT 10 (Average <2)
Heavy metals (µg/g)	
Arsenic	NMT 0.7 (Average<0.2)
Lead	NMT 0.5 (Average<0.15)
Cadmium	NMT 0.15 (Average <0.1)
Mercury	NMT 0.025 (Average<0.01)
Others	
ETO (mg/kg)	<0.01mg/kg
Pesticides (mg/kg)	<0.01 mg/kg