

PRODUCT
DATA SHEET

Ancient source

Future Nutrition

understory

IDENTIFICATION

Product name: Understory™ Gamut
 Technical product name: Krill protein hydrolysate

DESCRIPTION

Composition: White to cream colored free flowing powder. Hydrolysed marine protein made from Antarctic krill, *Euphausia superba*.

NUTRIENT COMPOSITION:

NUTRIENT COMPOSITION	TYPICAL VALUES	UNIT
Energy (kJ)	1520	kJ/100g
Energy (kcal)	363	kcal/100g
- thereof from fat	0	kcal/100g
Fat	0	g/100g
thereof:		
- Saturated fatty acids	0	g/100g
- Monounsaturated fatty acids	0	g/100g
- Polyunsaturated fatty acids	0	g/100g
Protein	91	g/100g
Carbohydrate	0	g/100g
- thereof sugars	0	g/100g
- thereof dietary fiber	0	g/100g
Water	4	g/100g
Sodium	0.1	g/100g

The above values are typical figures and may vary in practice

AMINO ACID COMPOSITION	TYPICAL VALUES	MINIMUM VALUES	UNIT
Amino acid profile			
- Lysine	9.1		g/100g protein
- Threonine	4.7		g/100g protein
- Isoleucine	5.3		g/100g protein
- Leucine	7.9		g/100g protein
- Histidine	2.5		g/100g protein
- Phenylalanine	4.2		g/100g protein
- Tyrosine	4.2		g/100g protein
- Valine	5.5		g/100g protein
- Alanine	5.8		g/100g protein
- Arginine	6.4		g/100g protein
- Aspartic acid	11.9		g/100g protein
- Glutamic acid	15.6		g/100g protein
- Glycine	4.4		g/100g protein
- Proline	3.4		g/100g protein
- Serine	4.2		g/100g protein
- Cysteine + Cystine	0.7		g/100g protein
- Methionine	2.9		g/100g protein
- Tryptophan	1.0		g/100g protein
Essential amino acids (EAAs)	43	≥ 40	g/100g protein
Branched chain amino acids (BCAAs)	18	≥ 17	g/100g protein

The above values are typical figures and may vary in practice

MINERALS	TYPICAL VALUES	MINIMUM VALUES	UNIT
Calcium	1.1	≥ 0.6	g/100g
Magnesium	0.43	≥ 0.35	g/100g
Selenium	0.19	≥ 0.15	mg/100g
Potassium	46		mg/100g
Zinc	1		mg/100g
Phosphorus	64		mg/100g
Sulfur	0.8		g/100g
Fluoride	1		mg/100g
Chloride	67		mg/100g
Iodide	66		µg/100g

The above values are typical figures and may vary in practice

Relative area under 1000 Da