



**TYPICAL PRODUCT AND TECHNICAL ANALYSIS**

PRODUCT: HYDROLYZED COLLAGEN POWDER  
 RAW MATERIAL: FISH SKINS  
 GRADE: FOOD FOR HUMAN CONSUMPTION

**TYPICAL ANALYSIS**

PURITY  
 SOLUBILITY  
 PROTEIN  
 CARBOHYDRATES  
 pH (2% w/w solution)  
 LIPIDS  
 ASHES

**SPECIFICATION**

100%  
 Soluble in Cold Water  
 93 ±2%  
 1% maximum  
 4.5-6.5  
 Trace  
 2% maximum

**MICROBIOLOGY**

SALMONELLA  
 E.COLI  
 OTHER PATHOGENIC GERMS  
 TOTAL PLATE COUNT

NEGATIVE  
 NEGATIVE  
 NEGATIVE  
 MAX. 1000/G

**PHYSICAL**

APPEARANCE  
 ODOR  
 DENSITY

LIGH CREAM POWDER  
 CHARACTERISTIC/MILD  
 APPRX. 300 – 500 g/L

**PACKING**

175lb Sealed Drums

**STORAGE**

COOL, DRY PLACE

**NATURAL AMINO ACID COMPOSITION (Average percent by weight; ±2% may vary)**

Alanine .....	10.65%	Leucine .....	2.21%
Arginine .....	9.08%	Lysine .....	3.42%
Aspartic Acid.....	5.28%	Methionine .....	0.87%
Cystine .....	Trace%	Phenylalanine.....	2.02%
Glutamic Acid .....	9.76%	Proline .....	12.97%
Glycine .....	23.33%	Serine .....	2.76%
Histidine .....	2.78%	Threonine .....	3.08%
Hydroxyproline .....	7.31%	Tyrosine .....	0.49%
Hydroxylysine .....	0.35%	Valine .....	1.88%
Isoleucine .....	1.10%		

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