

TEST CERTIFICATE No.: C5C240222A  
 ISSUED TO  
 QUANTUM **VITALITY** GROUP D.O.O.



Sample name: **HYDROLYZED FISH COLLAGEN FOR WETALITY MSM+COLLAGEN**

Batch No: **C5C240222A**

Country of origin: **France**

Item	According to	Specifications	Result
Appearance	---	White powder	Pass
Odor	---	None	Pass
Protein (%)	GB/T5009.5-2010	≥90%	97.50
pH	QB/T1803-93	5.0-6.5	6.24
Average molecular weight	JY/T024-1996	≤2000	Pass
Arsenic		≤ 1.0 ppm	Pass
Cadmium		≤ 0.5 ppm	Pass
Chromium		≤ 10 ppm	Pass
Copper		≤ 30 ppm	Pass
Mercury		≤ 0.1 ppm	Pass
Lead		≤ 3.0 ppm	Pass
Zinc		≤ 50 ppm	Pass
Sulfites		≤ 10 ppm	Pass
Peroxides		≤ 10 ppm	Pass
Bacterial Count (cfu/g)	GB/T4789.2	≤1000	100

Coliforms (MPN/100g)	GB/T4789.3	≤ 30	<30
Mold & Yeast (cfu/g)	GB/T4789.15	≤ 50	10
Mold & Yeast (cfu/g)	GB/T4789.4/5/10/11	Negative	Pass

Hydrolyzed Collagen (fish)	10000 mg
Amino Acids from Collagen:	
Alanine	756.7 mg
Arginine	813.9 mg
Aspartic acid	470.3 mg
Glutamic acid	970 mg
Glycine	1997.2 mg
Histidine	230 mg
Hydroxylysine	140 mg
Hydroxyproline	680 mg
Isoleucine	120 mg
Leucine	220mg
Lysine	450 mg
Methionine	170 mg
Phenylalanine	210 mg
Proline	1050 mg
Serine	367 mg
Threonine	370 mg
Tyrosine	50 mg
Valine	170 mg
Cysteine	10 mg

