



# Trafa Pharmaceutical Supplies, LLC

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R# 15577  
 R51549  
 12-19-22

## Certificate of Analysis

<b>Product Name</b>		MARINE COLLAGEN PEPTIDES POWDER	
<b>Batch No</b>		20220709	
<b>Origin</b>		Fish Skin	
<b>Inspection Date</b>		07/10/22	
<b>Manufacturing Date</b>		07/09/22	
<b>Expiry Date</b>		07/08/25	
TEST ITEMS	STANDARD	RESULTS	TEST METHOD
Characteristic	White to off-white powder, 80 mesh		Visual Test
Protein	≥ 90%	97.8%	Kjeldahl Method
Molecular Weight	< 5,000	Pass	HPLC
Ash	≤ 2.0%	1.87%	17h, 550°C
Loss on drying	≤ 8%	4.34%	17h, 105°C
Ph	4.0 – 7.0	6.11	6.67% 45°C
Lead	≤ 1.0 ppm	< 1.0	U.S.P. / N.F.
As	≤ 0.5 ppm	Negative	U.S.P. / N.F.
Chromium	≤ 2.0 ppm	< 2.0	U.S.P. / N.F.
Total Bacteria Count	≤ 1,000 cfu/g	270	U.S.P. / N.F.
Coliform group	≤ 30 MPN/100g	< 30	U.S.P. / N.F.
E. Coli	Negative in 10g	Negative	U.S.P. / N.F.
Mold & Yeast	≤ 40 cfu/g	20	U.S.P. / N.F.
Salmonella, Staph, Aureus	Not detectable	Negative	U.S.P. / N.F.
Bulk Density		0.38 g/ml	U.S.P
Conclusion		Pass	
This material is non-GMO, free from BSE/TSE.			

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by :

Abdullah Malik (QA)