

Certificate of Analysis

Product name:	Collagen I		
Original	Fish skin		
Batch Number:	NF-20190320	Manu. Date:	Mar. 20, 2019
Batch Size	500 KGS	Expiration Date:	Mar. 19, 2021
Net Weight:	100 KGS	Report Date:	Mar. 21, 2019

Item	Specification	Result
Appearance	White or light yellow powder	Conforms
Protein	90% min (Kjeldahl determination)	95.0%
Molecular weight	1000 Dalton max	Conforms
Ph	5.0~7.5 (USP)	6.4
Ash	2.0% max(USP)	Conforms
Bulk density	0.3g/ml (USP)	0.32g/ml
Loss on drying	5.0% max(USP)	4.3%
Heavy metal	NMT 10ppm (USP)	Corresponds to standard
Fat	NMT 1% (USP)	Conforms
Lead	NMT0.5ppm (ICP-MS)	Conforms
Inorganic Arsenic	NMT0.5ppm (ICP-MS)	Conforms
Mercury	NMT0.1ppm (ICP-MS)	Conforms
Cadmium	NMT0.5ppm (ICP-MS)	Conforms
Partical size	100% though 100mesh	Conforms
Total Bacteria Count	NMT 5000 cfu/g	Conforms
Yeast & Mold	NMT 500 cfu/g	Conforms
E.coil	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus aureus	Negative	Negative
Conclusion	Conform to requirements	
Tested by:	Mr. Fangchao Yang	Approved by: Mr. Jicheng Niu

