

Certificate of Analysis

Date : March 19, 2024

Customer : SAFATRANS ULUSLARARASI TAS. ITH. IHR. TIC. LTD.
Product Name : Bovine collagen HCP-R
Grade : Bovine collagen Regular
Lot No. : B2403072
Quantity : 1,600Kg

Section	Specification	Test Result
Description	Off white or light yellow powder	Passed
Jelly Strength	Non-gelling	Passed
Solubility	Soluble in cold water	Passed
Average M.W.	≤3,000	Passed
Nitrogen (%)	≥15.8 %	Passed
Viscosity (15%, 40℃)	10 ~ 30 mps	16.3
pH	5.0 ~ 6.5	5.79
Loss on drying	≤10.0%	5.7
Heavy Metals	≤20 ppm	Passed
Total bacteria count	≤1000 cfu/g	Passed
E. Coli	Negative/10g	Passed
Salmonella	Negative/10g	Passed

Typical particle size : NLT 99% through 16 mesh

Manufacturing date : Mar. 07, 2024

Expiry date : Mar. 06, 2028



Quality Assurance | G.H. Oh

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Date : March 19, 2024

Customer : SAFATRANS ULUSLARARASI TAS. ITH. IHR. TIC. LTD.
Product Name : Bovine collagen HCP-G
Grade : Bovine collagen Granule
Lot No. : B2403073
Quantity : 3,200Kg

Section	Specification	Test Result
Description	Off white or light yellow powder	Passed
Jelly Strength	Non-gelling	Passed
Solubility	Soluble in cold water	Passed
Average M.W.	$\leq 3,000$	Passed
Nitrogen (%)	$\geq 15.8 \%$	16.1
Viscosity (15%, 40°C)	10 ~ 30 mps	16.5
pH	5.0 ~ 6.5	5.85
Loss on drying	$\leq 10.0\%$	5.0
Heavy Metals	≤ 20 ppm	Passed
Total bacteria count	≤ 1000 cfu/g	Passed
E. Coli	Negative/10g	Passed
Salmonella	Negative/10g	Passed

Typical particle size : NLT 99% through 16 mesh

Manufacturing date : Mar. 07, 2024

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