

OVICOLL™ 95

Description

Halal certified cosmetic ovine soluble collagen 1% protein solution suitable for cosmetic applications including skincare, haircare and toiletries

INCI Name: Soluble Collagen

Halal Certification

Certified by the Australian Islamic Federation of Islamic Councils Inc.

Code

HOV 95 1%

Packaging

1, 5 & 20kg resealable containers

Storage

Refrigerate at between 2-10°C for up to 24 months

1% Product

Source	Ovine
Typical Purity %	95-98
Appearance	Opaque
Concentration (Protein %)	1.0 +/- 0.1
Hydroxyproline %	>12 of protein
Solids %	<2.0
Fat %	<0.99
Ash %	<0.2
pH	3-4
Viscosity (CPS)	>1,000
Total Viable Count (CFU/g)	≤1,000
Yeasts & Moulds (CFU/g)	≤100
2-phenoxyethanol %	0.85
Colour	White
Solubility	Soluble
Ave Molecular Weight (kDa)	>300

*The above data represent a typical analysis performed on Halal OVICOLL™ 95 (1%)

Applications

Halal OVICOLL™ 95 soluble collagen is suitable for use as an active ingredient in cosmetics including skin creams body lotions, shampoo and conditioner. Soluble collagen solutions are often used at an inclusion rate of 1-5% in cosmetic formulations.

Halal OVICOLL™ 95 is compatible with most water-based formulations and emulsions. It can be further diluted in water to improve miscibility and should be included in formulations at temperatures less than 30°C to avoid denaturation of native soluble collagen.

Advantages

Safe and Natural Active Ingredient: Suitable for skincare, toiletry and haircare products

Disease-free: Sourced from Australian Halal accredited source, veterinary certified TSE (Transmissible Spongiform Encephalopathy)-free sheep

Excellent Moisturiser: Triple helix structure of native collagen provides active moisturising properties to improve and retain moisture for skincare, haircare and toiletry applications

Safety Tested: Proven to be non-primary irritant and non-primary sensitiser to the skin

Viscosity Builder: Builds viscosity and stabilises emulsions to improve formulation consistency

Stable: High hydroxyproline content improves stability

Natural Moisturisers: Additional fatty acids, stearic, oleic and palmitic occurring naturally

Culturally Acceptable: Ovine source favoured and acceptable to all global cultures

Quality Assured Traceability: Fully traceable from "farm to product" & manufactured to ISO standards

Purity: High Purity range between 95 – 98%



**HOLISTA
COLLTECH**

SKIN SMOOTHER AND MOISTURISER - WITH SHEA BUTTER AND COLLAGEN	% WEIGHT
INGREDIENTS	
Distilled Water	84.00
Glycerin	5.00
Shebu	3.00
Pationic SSL	3.00
Grilloten LSE 87K	1.00
Rita GMS	2.00
Ritapan DL	1.00
OVI COLL™ 95	1.00
Colour, Fragrance and Preservative	QS

METHOD

1. Combine Distilled Water and Glycerin — heat to 70°C
2. Combine Shebu, Pationic SSL, Grilloten LSE 87K, Rita GMS and heat to 70°C
3. Combine both phases, cool to 45°C while continuing to mix.
4. Let cool further to less than 30°C and add Ritapan DL, OVI COLL™ 95, Colour, Fragrance and Preservative
5. Package.

HAIR SHAMPOO	% WEIGHT
INGREDIENTS	
Surfactants, anionic	43.00
Ampholyt JB 130	10.00
Dionil OC/K	3.00
Lamepon S	5.00
Panthenol	0.30
Hair Complex Aquosom	0.50
Camomile Special	2.00
OVI COLL™ 95	0.50
Preservative	QS
NaCl	QS
Water	To 100.00

METHOD

1. The components are mixed together in sequence and stirred until homogenous.
2. The pH is then adjusted to 5.5-6.5.
3. Package.

*Please note that all formulations are suggestions only and testing should be undertaken prior to use

Further Information

Safety Testing

As part of the safety trials for human usage OVI COLL™ 95 has undergone Repeat Insult Patch Testing at Cantor Laboratories in the USA for irritability and sensitisation. OVI COLL™ 95 product was tested on 50 individuals using an approved protocol and signed off by a qualified dermatologist. No adverse reactions were noted during the course of the study and OVI COLL™ 95 was proven as a non-primary irritant and non-primary sensitiser to the skin.

Efficacy Testing for Moisturising

In Corneometry testing conducted by DermaTest GmbH, OVI COLL™ 95 has shown a 30% increase in moisturising effect by comparison with an untreated area at the end of the four weeks testing period. OVI COLL™ 95 was classified as a very good moisturiser by the qualified dermatologist who performed the study.

Additional Benefits

Halal OVI COLL™ 95 has the added benefit of containing a number of naturally occurring moisturising ingredients that are often added to the final product at no additional cost. These include palmitic, oleic and stearic acids.

For further information please refer to the contact details below.

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