COCHLEUM
Bio-Derived Cosmetic Ingredients

TECHNICAL DATA SHEET

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SNAIL SECRETION FILTRATE

Bio-derived cosmetic ingredient for professional formulation and B2B use

INCI	Snail Secretion Filtrate
Product / source	Filtered secretion from farmed Helix aspersa / Cornu aspersum snails
Supplier	COCHLEUM brand - Polish Snail Holding, Elblag, Poland

TECHNICAL SPECIFICATION

Parameter	Specification	Method / basis
Appearance	Clear / transparent liquid	Visual
Colour	Yellow-straw to yellow / yellow ochre	Visual
Odour	Characteristic	Organoleptic
pH	5.0 - 5.5	Specification
Density	1.00 - 1.06 g/cm3	Specification
Solubility	Soluble in water	SDS
Protein content	1.5 - 4.0 mg/mL (0.15 - 0.40%)	Kjeldahl
Total aerobic mesophilic count	< 10 CFU/g	PN-EN ISO
Pathogens	Absent	PN-EN ISO

PRESERVATION, STORAGE AND HANDLING

Preservation system	Variant-specific; confirm the applicable system in the Product Specification and batch documentation.
Recommended long-term storage	4 - 6 C
Storage conditions	Keep tightly closed in the original container; protect from direct sunlight and heat.
Shelf life	Batch- and preservation-system specific; refer to product label, specification and/or CoA.

FORMULATION GUIDANCE

Use level	Formulation-dependent; select according to product concept, formulation type and intended positioning.
Addition	Adapt the point of addition to the formulation process and preservation strategy.
Compatibility	Evaluate in the final formulation, including pH, preservation system and other functional ingredients.
Stability	Confirm in the complete formulation under intended storage and use conditions.

PRODUCT POSITIONING & RESEARCH BACKGROUND

Positioning	Bio-derived cosmetic ingredient for modern functional skincare concepts, including regenerative, moisturizing, protective and skin-conditioning formulations.
Research background	Research in selected in-vitro models has demonstrated biological activity relevant to fibroblast viability, cell-cycle activity and collagen secretion. Detailed research information is available on request.
Application potential	Suitable for evaluation in serums, creams and emulsions, gels, masks, scalp and hair-care products, and other professional cosmetic formulations.

DOCUMENTATION AND QUALITY

Available: TDS, SDS, Product Specification and batch-specific Certificate of Analysis (CoA).

Microbiological quality: Batch documentation may include results for Staphylococcus aureus, Candida albicans, Escherichia coli and Pseudomonas aeruginosa.

Packaging: HDPE containers; commercial pack sizes defined according to supply requirements.

Technical note: This sheet summarizes typical characteristics and professional-use guidance. Batch-specific values and the applicable preservative system are confirmed in the relevant specification and/or CoA. Final compatibility, stability and performance must be verified in the finished formulation.