

Lithothamnion Calcareum Extract

Cat. No. LCGZ-0001

Lot. No. (See product label)

Introduction

Description

Lithothamnion Calcareum Extract is a cosmetic-grade dry extract obtained from the whole red coralline alga Lithothamnion calcareum. This grade is supplied as a finely milled 325-mesh powder for use as a marine-derived skin-conditioning ingredient in topical cosmetic formulations.

Applications

Skin-care and personal-care formulations, including creams, lotions, masks, serums, body-care products, and powder-based cosmetic systems requiring a marine-derived skin-conditioning ingredient.

Synonyms

Phymatolithon Calcareum Extract; Lithothamnium Calcareum Extract; Lithothamnion Calcareum Extract; Red Coralline Algae Extract

Product Information

Species

Lithothamnion calcareum (accepted scientific name: Phymatolithon calcareum)

Source

Whole red coralline alga

Appearance

Fine powder

Form

Dry powder (325 mesh)

CAS No.

223751-73-3

Chemical Name

Lithothamnion calcareum extract

Structure

Complex natural algal extract with no single defined molecular structure.

Composition

Extract of the whole red alga Lithothamnion calcareum, also accepted taxonomically as Phymatolithon calcareum. The exact chemical profile may vary with the extraction process and raw material.

Function

Skin conditioning; skin protecting

Quality

Particle size: 325 mesh

Grade

Cosmetic Grade

Notes

INCI name: Lithothamnion Calcareum Extract. FDA UNII mapping: 6J1M3WA0ZK. Because this is a natural extract, a single molecular formula and molecular weight do not apply.

Advantages

Marine-derived cosmetic ingredient Standardized INCI identity Fine 325-mesh particle-size grade Suitable for skin-conditioning formulation development

Usage

For topical cosmetic formulation use. Establish the use level and processing conditions through formulation trials, and confirm dispersion, stability, compatibility, and finished-product safety. No universal use concentration is specified for the generic ingredient.