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## Algae Extract & Hyaluronate

### Specification Sheet

**Description:** Algae extract and hyaluronate gel is a water-soluble mixture of algae extract and sodium hyaluronate. Sodium hyaluronate is a natural polysaccharide, or large sugar molecule, that occurs in various tissues of the skin, synovial fluids of joint, and connective tissues. Colorless to light yellowish gel. The product is preserved with phenoxyethanol, sodium benzoate, and potassium sorbate. Water-soluble.

**CAS:** 90046-12-1, 7732-18-5, 9067-32-7, 122-99-6, 532-32-1, 24634-61-5, 6381-92-6

**INCI Name:** Laminaria Digitata (Algae) extract, water, sodium hyaluronate, phenoxyethanol, sodium benzoate, potassium sorbate, disodium EDTA.

**Benefits:**

- Serves as a powerful moisturizer and humectant and provides smoothness while softening skin
- Hyaluronic acid can hold 500 times its own weight of water
- Algae extract is rich in vitamins and minerals and protects the skin from antioxidant stress

**Use:** Add to water phase formulas. Its typical use level is 5 to 20%. For external use only

**Applications:** Serums, creams, lotions, skin cleansers, sun and after-sun care, sunscreens, and masks

**Country of Origin:** USA

**Raw material source:** Laminaria (Algae), glycerin made from naturally derived oils, hyaluronic acid produced biotechnologically from glucose, soy peptone & yeast extract

**Manufacture:** Prepared via a cold process to avoid potential loss of effectiveness heat processing can have. Created from organically grown, pesticide-free materials which are extracted first with a specified eluant to yield a concentrate. This concentrate is then dissolved in glycerin and water at a concentration of 20 % concentrate and 80% diluents.

**Animal Testing:** Not animal tested

**GMO:** GMO-free, but not certified

**Vegan:** Yes