

## Sodium PCA

### Specification Sheet

**Description:** Sodium PCA is the sodium salt of pyroglutamic acid which is an uncommon amino acid found naturally in many proteins. Concentration: 50% (dissolved in water). GMO-free, gluten-free.

**CAS:** 7732-18-5, 28874-51-3

**INCI Name:** Water, Sodium PCA

**Composition:** Water, Sodium PCA

**Appearance:** Colorless to pale yellow clear liquid

**Benefits:**

- Occurs naturally in human skin and is responsible for binding moisture to the cells.
- Highly water-absorbent, holding several times its weight in water, which makes it an excellent humectant.
- Well-known as skin-penetration enhancer.
- Stronger hydrating agent than the traditional compounds like glycerin or propylene glycol.
- Good for hair care as it reduces static electricity.

**Use:** Add as is to the water phase of the formulas, typical use level 1 - 10% in emulsions. For external use only.

**Applications:** All kinds of skin care products such as creams, gels, lotions, hair care products, color cosmetics.

**Solubility:** Water-soluble

**Preservation:** Preservative-free

**Storage:** Store in a closed container at a dry place at room temperature

**Country of Origin:** USA

**Raw material source:** Aminopentanedioic (glutamic) acid

**Manufacture:** Sodium PCA is produced through a chemical process involving racemization of aminopentanedioic (glutamic) acid, followed by hydration and final neutralization.



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**Animal Testing:** Not animal tested.

**GMO:** GMO-free

**Vegan:** Does not contain any animal-derived components.

**HS Code:** 2922494050