

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. Colorless to pale yellow clear liquid, soluble in water, pH 6.8-7.4.

CAS: 28874-51-3

INCI Name: Sodium PCA (sodium L-pyroglutamate)

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 a 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.

Country of Origin: USA

Raw material source: The original amino acid proline is obtained mainly from fruits and coconut oil.

Manufacture: A fermentation process of sugars and starches is then used in order to create PCA from proline.

Animal Testing: Not animal tested

GMO: GMO-free but not certified

Vegan: Does not contain any animal-derived components