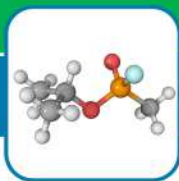




PRECISION  
MINERAL CHEMISTRY



PEPTIDE  
SYNTHESIS



ADVANCED  
CLINICAL VALIDATION

# PCA++

BY GLOBAL CALCIUM

Active physiological carrier of calcium

## A COMBINED ACTION BETWEEN

- PYRROLIDONE CARBOXYLIC ACID (PCA),  
A PHYSIOLOGICAL CARRIER FOR  
IMPROVED BIOAVAILABILITY
- CALCIUM, A BONE CONSTITUENT AND  
A CELLULAR MESSENGER

THE ANTI-AGING PARTNER,  
FOR YOUR BONE & SKIN HEALTH

## BIO INTELLIGENT EXPERTISE

*To feel and be ...  
Naturally Better!*

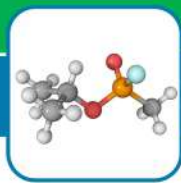


**Global Calcium**





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# PCA++

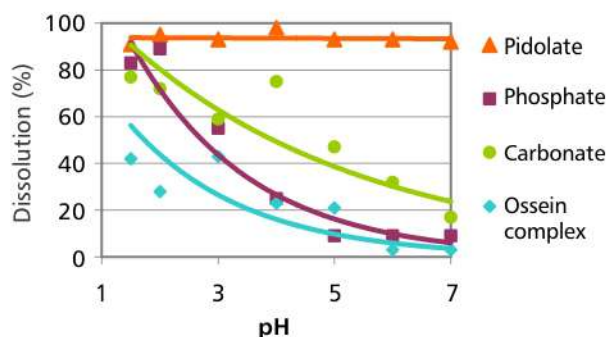
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## Definition

PCA++: The pyrrolidone carboxylic acid (PCA) calcium salt. PCA is a key molecule involved in numerous biological mechanisms as physiological and biochemical intermediate.

PCA++: Highly soluble regardless of pH conditions.



## Nutraceutical performances

- Effectively incorporated into the bones\*
- Pidolate as a collagen precursor can be recovered in the bone framework\*
- Significant increase of the bone mass\*\*

\* Study on rat using Labelled elements.

\*\* Study on 72 women, receiving 1g of calcium per day during 1 year

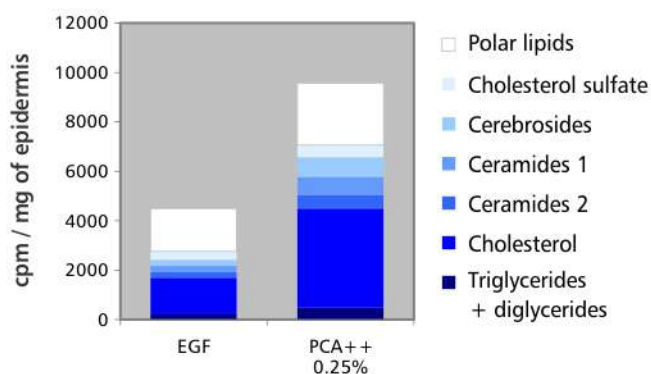
## Cosmeceutical performances

PCA++

- Increases expression of cellular differentiation markers\*
- Increases epidermal lipid synthesis\*\*

\* In vitro measurement of the Transglutaminase activity (Human keratinocytes)

\*\* In vitro study using human skin disk



Global Calcium