

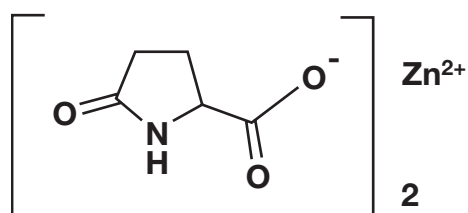
The Amino Acid Derivative

AJIDEW[®] ZN-100 • ZN-100N

AJIDEW[®] ZN-100 • ZN-100N are the Zinc Salt of L-Pyrrolidone Carboxylate (Zinc PCA) as shown below. L-Pyrrolidone Carboxylate (PCA) and its Sodium salt are natural humectants associated with the Natural Moisturizing Factor (NMF) of the skin.

Molecular Structure

PCPC INCI Name : Zinc PCA



Major Applications

AJIDEW[®] ZN-100 • ZN-100N provide fresh feeling to the skin which makes them ideally suited for cosmetics and toiletries.

- Skin Care Products : creams, lotions, tonics, shower gels, etc.
- Hair Care Products : shampoos, conditioners, hair tonics, hair creams, etc.
- Sun Care Products : pre and post sun care creams, lotions, gels, etc.
- Make-Up Products : foundations, lipsticks, etc.

Characteristics

AJIDEW[®] ZN-100 • ZN-100N help to mitigate the appearance of unwanted excess sebum, delivering fresh feeling to the skin and hair.

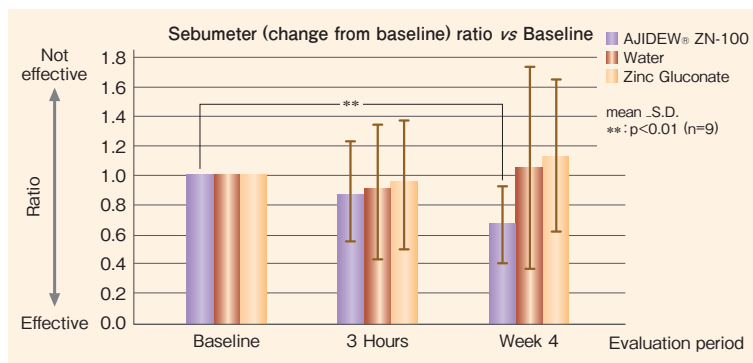
● Freshness to skin

AJIDEW® ZN-100 · ZN-100N

give freshness to the Skin.

Condition : Water, 1wt.%

AJIDEW® ZN-100 solution and 1wt.% Zinc gluconate are applied to the face twice a day for 4 weeks. (n=7-9).



1wt.% AJIDEW® ZN-100 solution exhibits a statistically significant decrease in sebum levels on the treated skin at week 4 compared to baseline.

● MIC value

The MIC (Minimum inhibitory concentration) value of AJIDEW® ZN-100 (Zinc PCA) follows.

Strains	AJIDEW® ZN-100
Escherichia coli	1250
Pseudomonas aeruginosa	7500
Staphylococcus aureus	938
MRSA	938
Streptococcus mutans	625
Propionibacterium acnes	1875
Candida albicans	1875
Aspergillus niger	1250
Cladosporium cladosporioides	938
Trichophyton mentagrophytes	1875
Malassezia furfur	313

(A.I. μg/mL)

Material Information

Product Name	Product Code	Chemical Name	CAS No.	Physical Form	Packaging	PCPC INCI Name	Composition (%)	Natural Certification
AJIDEW®	ZN-100	Zinc Salt of L-Pyrrolidonecarboxylate	15454-75-8	Powder	4kg Carton 25kg Fiber Drum	Zinc PCA	100.0	ECOCERT
	ZN-100N	Zinc Salt of L-Pyrrolidonecarboxylate	15454-75-8	Powder	25kg Fiber Drum	Zinc PCA	100.0	ECOCERT COSMOS NATRUE

Please contact the AJINOMOTO group, should you have questions about trademark registration.

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