AC Keratin Hydrolysate 30 PF
20586PF AC Keratin Hydrolysate 30 PF
Moisturization + Conditioning + Protection

Product Code: 20586PF

INCI Name: Hydrolyzed Keratin

INCI Status: Conforms

Suggested Use Levels: 1.0 – 5.0%

Suggested Applications: Moisturizing, Conditioning, Protection
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Product Overview

• Hydrolyzed keratin does not penetrate the skin or hair, but rather plates out to form tenacious films. This combination of properties makes AC Keratin Hydrolysate 30 PF an ideal ingredient where conditioning benefits are desired.

• The presence of hydrolyzed protein films on hair directly translates to increased shine and improved feel.

• Exists naturally as a cross-linked helical structure
  • It is the cross-linkage that accounts for the strength and extensibility of the individual hair fibers

• The film forming properties of AC Keratin Hydrolysate 30 PF translates into longer-lasting and more stable foam structures
20586PF AC Keratin Hydrolysate 30 PF

Cosmetic Benefits

• Stabilizes foam structures
• Nourishes scalp
• Reduces irritation
• Strong conditioning
• Increases shine and improves feel
20586PF AC Keratin Hydrolysate 30 PF

ORAC Assay

**Protocol**

- Trolox® was used as the positive control
- Solutions were prepared at three concentration as reference
- Fluorescent measurements were taken every two minutes for two hours
- AC Keratin Hydrolysate 30 PF showed antioxidant activity at levels as low as 0.05% concentration

*Figure 1. Antioxidant Capabilities.*
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