

SEAGEM COLLAGEN AS

INCI(E) : Succinoyl Atelocollagen
 INCI(K) : 석시노일아텔로콜라겐

SEAGEM COLLAGEN AS 특징

- 나선 정제 프로세스로 인한 무취, 무색의 제형
- 높은 상용성으로 화장품 원료와 쉽게 사용 가능
- 광범위한 pH

SEAGEM COLLAGEN AS 특징

- 유래 : 황다랑어 비늘
- Tropocollagen Extract -> Pepsin 소화로 전달, succinyl화 과정을 통해 Atelo-collagen으로 변환
- 위 과정으로 피부에 자극이 없고 알러지 반응을 일으키지 않는 물질이 만들어지며, 광범위한 pH 범위 내에서 다른 원료들과 쉽게 상용 가능

SEAGEM COLLAGEN AS 상용성

Seagem Collagen AS : 기타 = 1:9, 섞은 직후, 7일간 20도 보관 후 측정

Ingredients	Immediately after mixed	Seven days after mixed	Surfactants	Immediately after mixed	Seven days after mixed
0.1% Xanthan Gum	Clear	Clear	1% Stearyltrimethylammonium chloride	Turbid	Turbid
0.1% Carboxyvinylpolymer	Clear	Clear	1% POE(50)Oleylether	Clear	Clear
1.0% Hydroxypropylcellulose	Turbid	Turbid	1% POE(21)Oleylether	Clear	Clear
1.0% Sodium Carboxymethylcellulose	Clear	Clear	1% POE(60) Sorbitan Tetraoleate	Clear	Clear
1.0% Sodium Polyacrylic acid	Clear	Clear	1% POE(20) Sorbitan Monooleate	Clear	Clear
1.0% Polyvinyl Alcohol	Clear	Slightly Turbid	1% POE(4)Sodium Lauryl Ether Sulfate	Clear	Clear
5.0% Glycerin	Clear	Clear	1% Sodium Lauroylsarcosinate	Clear	Clear
5.0% 1,3-Butylene Glycol	Clear	Clear	1% Lauryldimethyl aminoacetobetain	Slightly Turbid	Turbid
5.0% Propylene Glycol	Clear	Slightly Turbid			
1.0% Polyethylene Glycol 6000	Clear	Clear			
1.0% Polyethylene Glycol 400	Clear	Clear			
10% Elastin	Clear	Clear			
0.1% Sodium Hyaluronate	Clear	Clear			
5.0% Ammonium Thioglycolate	Clear	Clear			
6.0% Potassium Bromate	Clear	Clear			
50% Ethyl Alcohol	Clear	Clear			

SEAGEM COLLAGEN AS pH 안정성

Seagem Collagen AS : pH buffer sol. = 1:9, 섞은 직후, 7일간 20도 보관 후 측정

pH of buffer solution	Immediately after mixed	Seven days after mixed
pH 3.54	Turbid	Turbid
pH 4.54	Turbid	Turbid
pH 5.53	Clear	Clear
pH 6.51	Clear	Clear
pH 7.43	Clear	Clear
pH 8.52	Clear	Clear
pH 8.76	Clear	Clear