



BIO
Cosmeceutical ingredients
Creating new value for
the Health & Beauty industry

Solus Advanced Materials supplies natural bio materials in pharmaceutical, cosmeceutical and nutraceutical based on innovative technology, and as a total solution provider in the Health & Beauty industry, we provide customized development manufacturing(CDM) service.

Pharmaceutical Ingredient → Nutraceutical Ingredients → CDM business →

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Business information

With more than 30 years of expertise, Solus Advanced Materials supply natural sphingolipids similar to the lipid components of human skin, phospholipids, phospholipid complexes, and natural extracts to the domestic and overseas cosmetic market.

Solus Advanced Materials products are safe ingredients derived from natural materials, demonstrating outstanding skin barrier improvement, moisturizing, whitening, and wrinkle improvement effects. Solus Advanced Materials continues its technological research for customer satisfaction, including improvement of usability and maximization of efficacy. It contributes to the health and beauty of the human race based on its specialized technologies and expertise.

It supplies the local and overseas cosmetics markets with soybean and sunflower lecithin products, which are used as natural cosmetics emulsifier, by producing them according to their phosphatidylcholine (PC) content.



Strength

<p>Natural raw materials produced through yeast fermentation</p> <ul style="list-style-type: none"> - Korea's only manufacturer of natural sphingolipids which has the same structure as the human skin 		<p>Ensuring global standards</p> <ul style="list-style-type: none"> - Improves product value and enhances competitiveness by securing global certifications such as COSMOS, ECOCERT, ISO 16128, HALAL and REACH 	
<p>GMP (EFCI-GMP) certified cosmetic ingredient production facility</p> <ul style="list-style-type: none"> - Systematic quality control specialized in the production of cosmetic ingredients 		<p>Capable of providing customized products</p> <ul style="list-style-type: none"> - Offers various PC products such as non-GMO raw materials, high purity PC, and hydrogenated lecithin 	

Product applications

<p>Skincare cosmetics</p>	<p>Makeup cosmetics</p>	<p>Non-medical cosmetics</p>	<p>Liposome source</p>
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Main Product



Ceramide

- Korea's only high purity natural ceramide produced through yeast fermentation (Purity ≥ 95%)
- Provides the strongest skin efficacy with the structure most similar to ceramides present in more than 40% of human skin lipids
 - Skin barrier enhancement, moisturizing, anti-aging, ultra-fine dust-proof, etc.
- CERAMIDE NP (CERAMIDE 3) and CERAMIDE AP (CERAMIDE 6) products available

Phytosphingosine

- Korea's only high purity natural phytosphingosine produced through yeast fermentation (Purity ≥ 95%)
- This is a multifunctional bioactive substance that is found in small amounts in human skin but has powerful effects
 - Increasing water content in the skin barrier, skin regeneration, and anti-inflammatory (Acne, Atopic dermatitis, Etc.)

Hydrogenated Phosphatidylcholine

- Hydrogenated lecithin extracted and made from soybeans serves as a natural emulsifier that improves the stability of cosmetic formulas
- The main ingredient forming liposomes helps skin absorb key ingredients of functional cosmetics
- With excellent separation and purification technology, various lecithin and hydrogenated lecithin products are available to help create the textures that customers desire

Manufacturing process

<p>1. Fermentation</p> <p>Sphingolipid is produced by fermenting a strain for which our company holds the patent.</p>	<p>2. Separation and refining</p> <p>Converted ceramide is acquired purely.</p>	<p>3. Packing</p> <p>Packing is done according to individual content.</p>
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Product classification

Product Name	Ingredient Name	Efficacy	Spec	Type
DS-CERAMIDE Y30/ Y3S	Ceramide NP [Ceramide 3]	Strengthens skin barrier Anti-pollution Anti-aging and wrinkle mitigation Moisturizing skin with atopy and severely dry skin	Ceramide NP ≥ 95% / 90%	Powder
DS-CERAMIDE AP	Ceramide AP [Ceramide 6II]	Strengthens skin barrier	Ceramide AP ≥ 90%	Powder
DS-Phytosphingosine	Phytosphingosine	Enhances moisture content below skin barrier Skin regeneration Soothing effect Anti-inflammatory - Acne, A.D.	Phytosphingosine ≥ 90%	Powder
DS-TAPS	Tetraacetylphytosphingosine	Helps generate ceramide Effect of mitigating dark circles on the eyes	Tetraacetylphytosphingosine ≥ 90%	Powder
DS-SOYA PC94	Phosphatidylcholine	Stabilizes the dosage forms Enhances skin moisture by forming liposome	Phosphatidylcholine ≥ 94%	Agglomerate
DS-SOYA HPC30	Hydrogenated Lecithin	Enhanced emulsifying effect Texture adjustment	Phosphatidylcholine ≥ 18%	Powder
DS-SUN PC65	Lecithin	Stabilizes the dosage forms Non-GMO, environment-friendly emulsifier	Phosphatidylcholine ≥ 63%	Paste
DS-Soya HPC80	Hydrogenated Lecithin	Formulation Stabilization (Excellent general purpose emulsifier)	Hydrogenated Phosphatidylcholine 75-85%	Powder