



Total Solutions for Human Better-Being

We strive to become a company that provides the best solutions so that people can live healthier and more beautiful lives.

Daebong LS Co., Ltd.



Jeju Green tea Extract G1-MIJ(FH)



Moisturizing &
Skin Barrier Recovery

General Information



Green tea is the world's top 10 health food selected by Time magazine along with tomatoes, broccoli, and garlic. Studies on various effects of green tea have been carried out.

Among them, anticancer effects against esophageal cancer, lung cancer and prostate cancer have been reported by the effect of polyphenol contained in green tea. The benefits of tea for health have been proven through a long history, and recent studies have shown that polyphenols contained in tea have ultraviolet protection and skin cancer inhibitory effects on the skin, also It has been demonstrated that the cells are protected from active oxygen. Studies on the skin's efficacy of green tea have begun to be found, and attempts have been made to industrialize it for cosmetics and medicine using green tea.

Botanical Name

• Green Tea

INCI Name

• Camellia Sinensis Leaf Extract

Jeju Green tea

● Green tea cultivation in Jeju

- Volcanic soil : Rich minerals and good drainage
- Rich sunshine
- Located in Halla mountain, true height 100m
- Annual average temperature 15.9

* Site map of Jeju Green tea farm



The total output is the second biggest in Korea

* appx, 400 ton.(2016)

Jeju Green tea

● Jeju volcanic soil for cultivation



Highly porous structure

Optimal pH

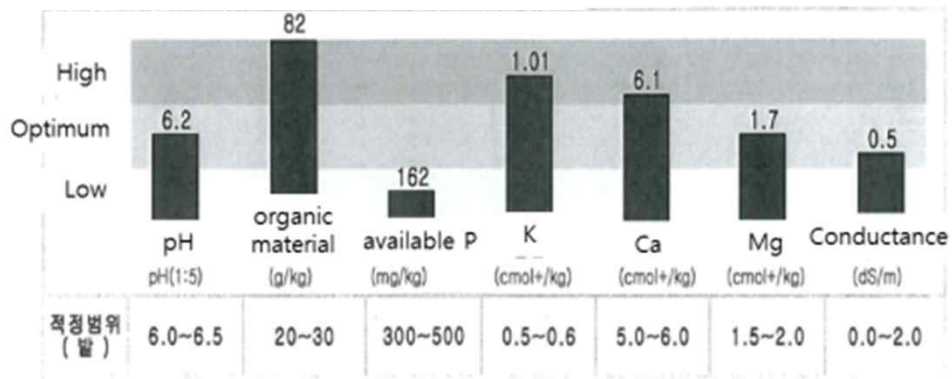
High Affinity for multivalent cation

High phosphate retention

Large amount of humus accumulation

- Light and fluffy nature accommodates large amounts of both plant available and hygroscopic water.
- pH range: 6.0 – 6.4. optimal pH for plant.
- Rich essential micronutritions of plant
- Rich essential macronutritions of plant
- Rich essential macronutritions of plant

* Analysis data of Jeju volcanic soil



Volcanic soil grows the best tasting of fruits and vegetables, the most fragrant flowers and the best quality of grains.

Differentiation Factor - Raw Material



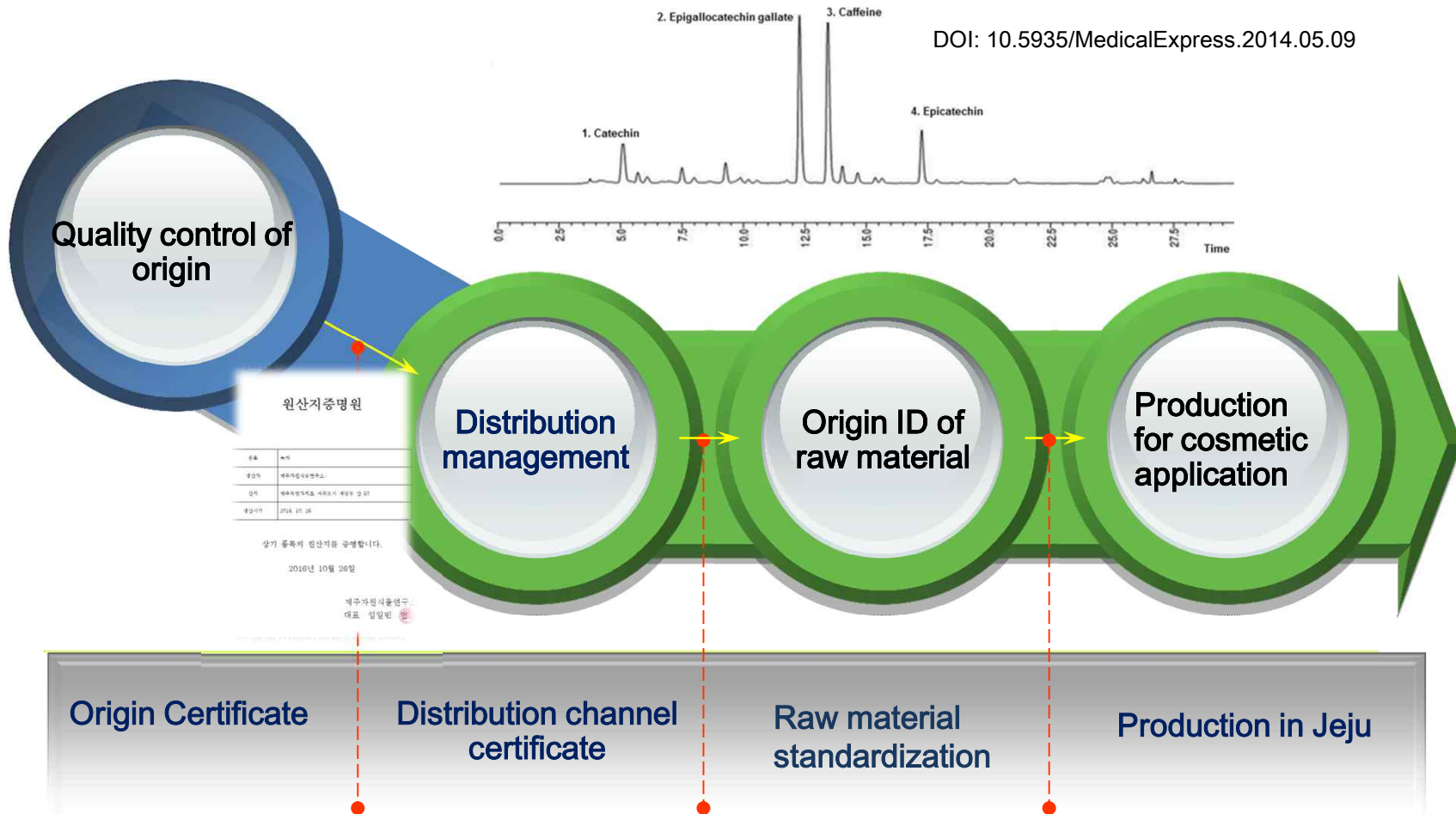
Raw materials from Clean JEJU Island

인증정보 인증번호 및 생산자명, 지역으로 인증정보를 검색하세요.

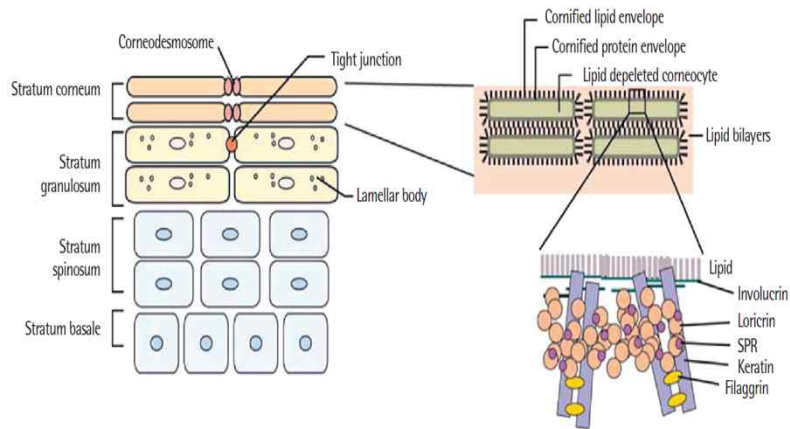
생산자명	김창예	
주소	제주특별자치도 제주시	
인증번호	75-1-168	
인증종류	유기농산물	
대표종목	녹차잎	
최초인증일자	2017-03-28	
인증기간	2018-03-28 ~ 2019-03-27	
인증면적	㎡	
생산계획량	2,300 kg	
농장소재지	제주특별자치도 제주시	
생산자구분	개인	
대표자성명	김창예	
구성원수	1명	
이메일		
전화번호	010-3691-3541	
팩스번호	010-3691-3541	
인증부가조건		
사후관리결과	생산과정조사 ※ 2017년	
홈페이지		
인증기관	(사)한울농림수산식품인증센터(064-752-6050)	
상품명		

Product development

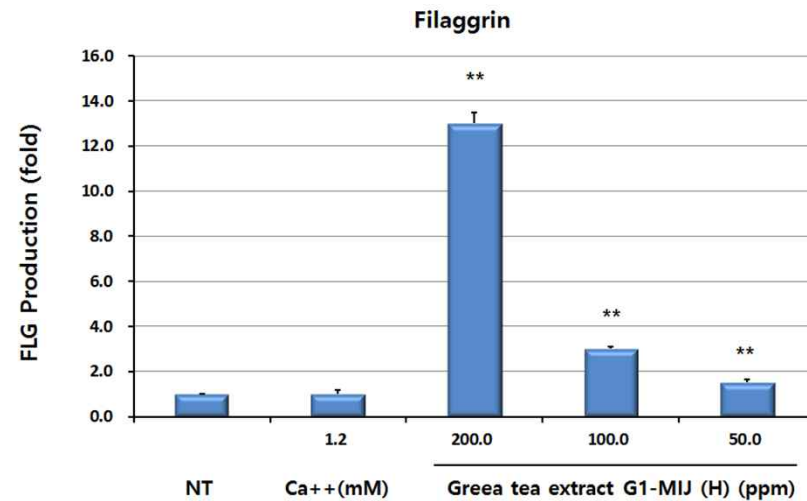
- Quality control from raw material to production.



Differentiation Factor - Efficacy



FLG is present in the stratum corneum outermost among the epidermis, and occupies most of the keratinocyte lipid. It is known that natural Moisturizing Factors are formed through decomposition process and play an important role in skin moisturization. FLG production amount involved in skin barrier formation is measured in keratinocytes.



Promoting the expression of Filaggrin in keratinocytes during 72 hours treatment

SPEC

Items	Specifications
Description	Colorless, Transparent Liquid
Odour	Typical
pH	5.50 ~ 7.50
Specific Gravity	0.960 ~ 1.060
Heavy Metals	≤ 20 ppm
- Mercury (Hg)	≤ 1ppm
- Lead (Pb)	≤ 10 ppm
- Arsenic (As)	≤ 2ppm
- Cadmium (Cd)	≤ 5ppm
Microbiological purity	
- Total aerobic microbial count (bacteria and fungi)	≤ 100 cfu/mL

Composition

Chemical Name	Other name	CAS number	Content (%)
Camellia Sinensis Leaf Extract	-	84650-60-2	97.1%
1,3-Propanediol	2-DEOXYGLYCEROL	504-63-2	0.4%
1,2-Hexanediol	1,2-hexanediol	6920-22-5	2.5%

Market Information



Anti-Hair loss Essence



Green tea seed serum



Shower Gel



Mask sheet



Seed oil



Eyliner



Shampoo



Body Lotion



BB cream



Cleansing water



Mascara



Pore pact

Total Solution for Human better-being

Recommended Use Level & Packing Size

Recommended Use Level
1% ~ D.I water Replacement



Polyethylene : 20kg



Polyethylene Drum : 200kg