

# DERMABIOTICS GN

INCI NAME : GLYCERINE/ LACTOBACILLUS FERMENT LYSATE / SODIUM HYALURONATE

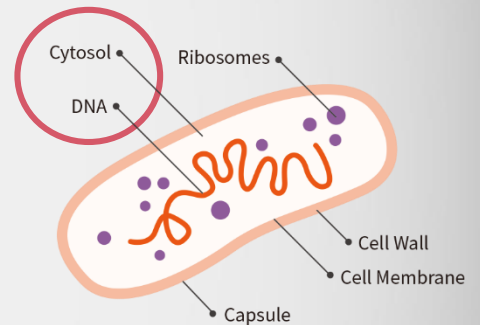
## GENERAL DESCRIPTION FOR RAW MATERIAL

SK bioland materialize Probiotics Cell Lysate with low molecular weight and bio-active substance in the lysate as a cosmetics ingredient. With this, we are making a realization for inner-skin solution and structuring to develop Skin microbiome.

During the manufacturing process, it has **Post-Fermentation Process with Sodium Hyaluronate**. This unique process increases a nucleic acid content more than 20 percent compare to non-post fermentation process.

SK bioland's advanced technology makes Probiotics Lysate filtrate lower than 2000 da molecular weigh, which is consist of cytosol(functional part) of probiotics and easy to penetrate into the skin without any causative material for skin irritation like cell wall or lactic acid.

### Functional part of probiotics cell



## TECHNICAL INFORMATION

### Processing & Dosage

The recommended dosage of DERMABIOTICS GN is 1.0% ~ 5.0%. DERMABIOTICS is a water-soluble active ingredient. It has thermal stability up to 40°C.

### Storage & Shelf life

DERMABIOTICS GN should be stored at room temperature in a tightly closed and lightproof package. If stored in these appropriate conditions the shelf life is at least 24 months. Once the original packing is opened, it is highly recommended to use at once.

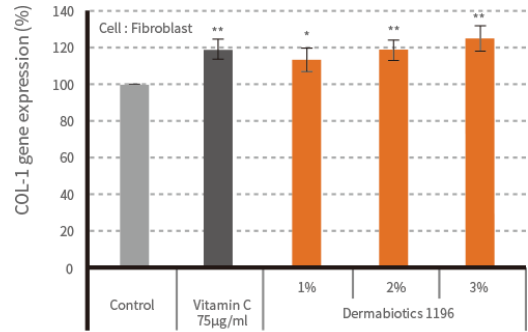
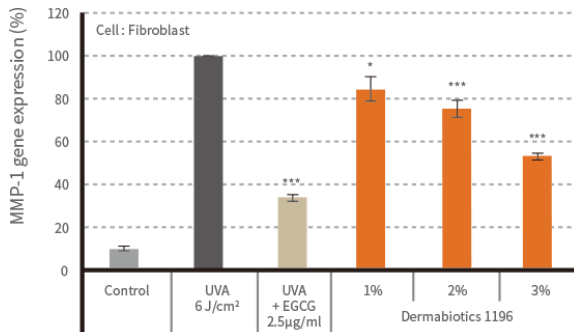
### Safety information

The cell of probiotics which is for DERMABIOTICS GN has been registered at U.S. GRAS, Generally Recognized As Safe. And the following safety tests on DERMABIOTICS GN have been performed.

- Photo toxicity test : 3T3 NRU (OECD 432 )
- Eye irritation test : STE assay (OECD 491)

## EFFICACY

### Anti-wrinkle



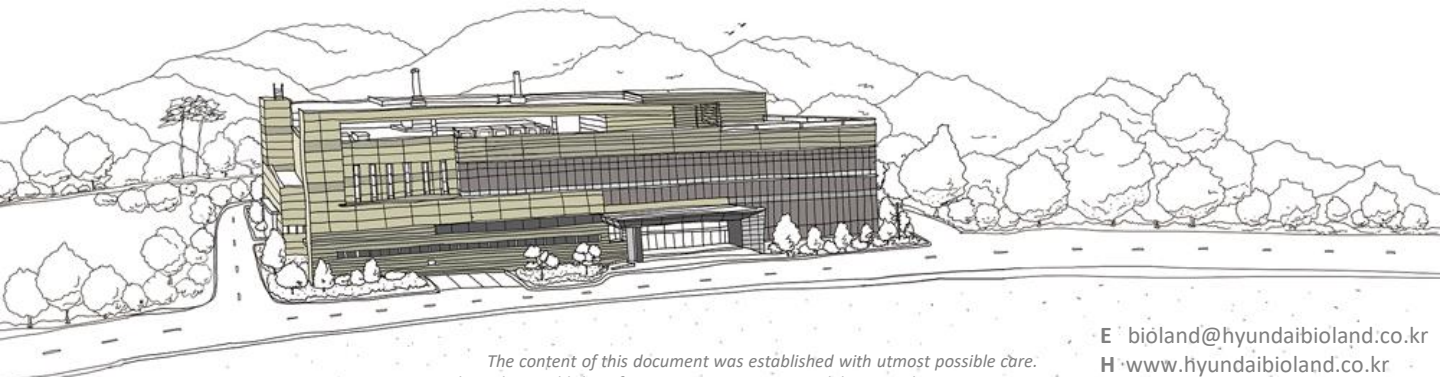
## SPECIFICATION

<b>Appearance</b>	Transparent Light yellow liquid
<b>pH (1→10)</b>	5.0-6.5
<b>Nucleic acid</b>	≥ 200 µg/mL
<b>Total bacterial count</b>	Not more than 100cfu/g
<b>Yeast &amp; molds</b>	Not more than 10cfu/g
<b>ISO 16128 (Natural Origin Index)</b>	1.0

## PRODUCT INFORMATION

TRADE NAME	DERMABIOTICS GN
INCI NAME	COMPOSITION (INCI Key Index)
GLYCERIN	A
LACTOBACILLUS FERMENT LYSATE	C
SODIUM HYALURONATE	G
<b>STANDARD PACKAGE</b>	<b>20KG</b>

INCI Key Index
A : Greater than 50%
B : Greater than 25% but less than or equal to 50%
C : Greater than 10% but less than or equal to 25%
D : Greater than 5% but less than or equal to 10%
E : Greater than 1% but less than or equal to 5%
F : Greater than 0.1% but less than or equal to 1%
G : Less than or equal to 0.1%



The content of this document was established with utmost possible care. However, we reserve the right to add the information, to correct or to delete it without prior notice.

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