



Anti-aging material acting on whitening,
anti-photoaging, antioxidant

Fermented rose petal extract
material

LACTIBIO® ROSE

LACTIBIO® ROSE is the rose petal extract fermented with lactic acid bacteria derived from Danish cheese. It is our original patent ingredients.

LACTIBIO® ROSE has beauty effects such as whitening effect, prevention of skin aging by UV, antioxidant effect.



Characteristics of LACTIBIO® ROSE

~Protecting your skin from
ultraviolet rays and restoring it to a
youthful skin with transparency~

- Fermented Centifolia rose petal extract with lactic acid bacteria.
- Patented ingredient that inhibits tyrosinase, suppresses the formation of melanin, and expects whitening effect. (Patent No. 5274525)
- Suppressing the production of carbonyl protein, which is the cause of skin darkness.
- Suppressing oxidation and damage of skin cells due to active oxygen. (DPPH, OH radical scavenging ability)
- Suppressing skin cell damage and collagen destruction caused by UV.
- Inhibiting collagenase, hyaluronidase, elastase.



Product name		LACTIBIO® ROSE	
Cosmetics	Labeling name	INCI	Composition (%)
	Lactobacillus/Rosa Centifolia Flower Extract Ferment Filtrate	Lactobacillus/Rosa Centifolia Flower Extract Ferment Filtrate	94.4
	Propanediol	Propanediol	5
	Phenoxyethano	Phenoxyethanol	0.6
Standard dose		20kg/BIB	
Storage		Store in a dark place at room temperature	

ITEM	STANDARD	METHOD
Appearance	Brown to dark brown liquid with characteristic odor	Sensory test
pH	4.0~5.5	JSQI general test method
Residue on drying	≥0.8%	Atmospheric heating drying method
Specific gravity	1.000~1.030	Vibration-type density meter
Heavy metals (as Pb)	≤ 20 ppm	JSQI general test method
Arsenic (as As2O3)	≤ 2.0 ppm	ICP emission spectrometry
Aerobic plate count	≤ 100 cfu/mL	SCDLP agar culture method
Coliform organisms	Negative	AOAC (Petrifilm) method
Viable molds and yeasts count	≤ 100 cfu/mL	AOAC (Petrifilm) method

