

Essential Oil Acne Serum

- **Formula Number:** L-24082602
- **Efficacy positioning:** Anti-Acne
- **Core Ingredients:** 1%ZLEY®BSA+0.5%ZLEY®CAG+0.5%ZLEY®Capryloyl Salicylic Acid+0.2%ZLEY®PAE+0.8%ZLEY®PE210-kaenda+2%ZLEY®PE401-pheacne+0.2%ZLEY®PE0401-Paeomelle+0.8%复合抗敏剂 plus

Phase	Ingredient	INCI name	ω%	Supplier
A	Deionized water	Water	To 100	—
	Butylene Glycol	Butylene Glycol	5.00	—
	HA	Sodium Hyaluronate	0.20	—
	Trehalose	Trehalose	1.50	—
	CG-T	Xanthan Gum	0.20	—
	GT-730	PEG-240/HDI Copolymer Bis-decyltetra Deceth-20 Ether	1.00	—
	2NA	Disodium Edta	0.05	—
A1	Deionized water	Water	20.00	—
	ZLEY®BSA	Betaine Salicylate	1.00	ZLEY
	ZLEY®CAG	Capryloyl Glycin	0.50	ZLEY
	ZLEY®Capryloyl Salicylic Acid	Capryloyl Salicylic Acid	0.50	ZLEY
	ZLEY®PAE	Paeonol	0.20	ZLEY
	ZLEY®ARG	Arginine	1.60	ZLEY
	Gluconolactone	Gluconolactone	0.50	—
B	ZLEY®PE0401-Paeomelle	Paeonia Suffruticosa Root Bark Extract Ethyl Ferulate Tocopheryl Acetate Olea Europaea(Olive)Fruit Oil Phenethyl Alcohol Chouji YU Anthemis Nobilis Flower Oil Citrus Sinensis Extract	0.20	ZLEY
	LRI	PPG-26-Buteth-26 PEG-40 Hydrogenated Castor Oil	1.00	—
C	K2	Dipotassium Glycyrrhizate	0.50	—
	Sodium Metabisulfite	Sodium Metabisulfite	0.20	—
	ZLEY®PE210-kaenda	Piper Methysticum Root Extract	0.80	ZLEY

ZLEY®PE401-pheacne	Stephania Tetrandra Extract Butylene Glycol Water	2.00	ZLEY
ZLEY®Chercappo-PCH	Chlorphenesin Phenoxyethanol 1,2-Hexanediol	0.80	ZLEY
Hesperidin Methyl Chalcone	Hesperidin Methyl Chalcone	0.20	—
10% Caramel	Anthocyanins	0.45	—

Formula reference cost: \$300

Pre-treatment:

1. In phase B, make-up ZLEY®PE0401-Paeomelle and LRI are mixed well in advance, to be used;
2. Mix the powder in phase C with water beforehand, and leave it for use;

Procedure:

1. Accurately weigh phase A and heat it in water bath at 85°C, keep warm for 20min, homogenize it until homogeneous;
2. Accurately weigh phase A1, heat it slightly and stir it well;
3. A1 phase added to the A phase, mixing and stirring well, lower the temperature
4. 50 °C add B and C phase material in turn, mix well;
5. 45 °C out of the material.

Physicochemical and stability parameters:

Appearance	Light yellowish brown slightly transparent liquid
pH (10% Sol.)	4.75
μ/mPa-s (25°C) mpa.s	--mpa.s
50°C	Testing
Ambient temperature	Testing
-15°C	Testing
Hot and cold cycles Under test	Testing
Centrifugation (30min, 2500r/min)	--

Note: This formula is for reference only, and has not been tested for scaled-up production.
If you have any questions, please contact our regional sales team.