Long Lasting Blemish Reducing & Brightening Cream（2%BRC）

- **Formula Number: L-23110603**
- **Efficacy positioning: 10 days to dramatically improve skin dullness, enhance skin refinement and radiance**
- **Core Ingredients: 2％ ZLEY®BRC +5%Niacinmide+ 0.8%ZLEY®PE401-PHEACNE+ 0.8%ZLEY®PE210-KAENDA**

Phase	Ingredient	INCI name	ω%	Supplier
A	Water	Water	To 100	—
	Glycerin	Glycerin	3.00	—
	Propylene Glycol	Propylene Glycol	3.00	—
	EDTA-2Na	Disodium Edta	0.02	—
	N-200T	Xanthan Gum	0.30	—
	Water soluble titanium dioxide	Titanium Dioxide	0.20	—
	ZLEY®BRC	4-Butylreorcinol	2.00	ZLEY
	VB3	Niacinmide	5.00	—
	ZLEY®BSA	Betaine Salicylate	0.20	ZLEY
B	72	Steareth-2	2.50	—
	721	Steareth-21	2.80	—
	A165	Glyceryl Stearate PEG-100 Stearate	2.00	—
	2EHP	Ethylhexyl Palmitate	4.00	—
	GTCC	Caprylic/capric Triglyceride	3.00	—
	kmp-590	Polymethylsilsesquioxane	1.50	—
	DC200/350	Dimethicone	0.80	—
	Paraffin 6058	Paraffin	2.00	—
	1618s	Cetearyl Alcohol	1.50	—
C	S-400	Polyacrylate-13 Polyisobutene Polysorbate 20	1.00	—
D	ZLEY®BIOCARE-PCH	Chlorphenesin Phenoxyethanol Water 1,2-Hexanediol	0.80	ZLEY
	ZLEY®PE210-KAENDA	Piper Methysticum Root Extract	0.80	ZLEY
	ZLEY®PE401-PHEACNE	Stephania Tetrandra Extract Butylene Glycol	0.80	ZLEY

		Water		
	ST Liquid	Diethylhexyl Syringylidenemalonate	0.50	—
	Sodium Metabisulfite	Sodium Metabisulfite	0.16	—
	Melaleuca alternifolia essential oil	Aroma	0.10	—

Formula reference cost:$300/kg

Pre-treatment:

dissolve the powder of phase D with water first in advance, and wait for use

Operation Procedure：

1. Mix phase A material, stir and heat to 80℃, quickly homogenize for 5min to homogeneous, keep warm for 20min; stir evenly;

2. Mix phase B material, heating to 75-80 ℃, slowly stirring until uniform;

3.75-80 ℃ , add phase B into phase A, homogenization 3-5min, quickly add C, high speed homogenization 3-5min, stirring 15-30min, stirring evenly;

4.50 ℃ add D phase raw materials in turn, stirring evenly;

5.45 ℃ out of the material.

Physicochemical and stability parameters:

Appearance	Milky white cream
pH (10% Sol.)	6.31
μ/mPa-s (25°C) mpa.s	4#6R 36269mpa.s
45°C	Testing
Ambient temperature	Testing
-15℃	Testing
Hot and cold cycles Under test	Testing
Centrifugation (30min, 2000r/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.