

Scalp Soothing Toner

- **Formula Number:** L-24060701
- **Efficacy positioning:** Oil control, soothing, antibacterial and anti-allergic.
- **Core Ingredients:**
0.5%ZLEY®CAG+0.2%ZLEY®BSA+0.5%ZLEY®AMEA+1%ZLEY®Cagmiocogent-CAG-CLEAN+2%ZLEY®PE203-Kaenda+2%ZLEY®PE401-Pheacne+0.3%ZLEY®MGA

Phase	Ingredient	INCI name	ω%	Supplier
A	Water	Water	To 100	—
	Glycerin	Glycerin	2.00	—
	CG-T	Xanthan Gum	0.12	—
	2NA	Disodium Edta	0.02	—
	Chlorphenesin	Chlorphenesin	0.15	ZLEY
B	Butylene Glycol	Butylene Glycol	5.00	—
	ZLEY®CAG	Capryloyl Glycin	0.50	ZLEY
	ZLEY®BSA	Betaine Salicylate	0.20	ZLEY
	Arginine	Arginine	0.90	—
	Water	Water	30.00	—
	10% Citric Acid	Citric Acid	1.55	—
C	1,2-Hexanediol	1,2-Hexanediol	0.60	ZLEY
	ZLEY®PE203-Kaenda	Piper Methysticum Root Extract Hydroxypropyl Cyclodextrin Butylene Glycol Water	2.00	ZLEY
	ZLEY®PE401-Pheacne	Stephania Tetrandra Extract Butylene Glycol Water	2.00	ZLEY
	ZLEY®AMEA	Azelamide MEA	0.50	ZLEY
	ZLEY®Cagmiocogent-CAG-CLEAN	Capryloyl Glycin Decyl Glucoside Butanediol Water	1.00	ZLEY
C1	RESASSOL®VH	PEG-40 Hydrogenated Castor Oil PPG-26-Buteth-26	0.10	—
	ZLEY®MGA	Menthone Glycerin Acetal	0.30	ZLEY

	ZLEY®DMI	Dimethyl Isosorbide	0.30	ZLEY
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Formula reference cost: \$150/kg

Pre-treatment:

Phase B is well dissolved, without particles, and is ready for use.

Operation steps:

1. Mix phase A, stir and heat to 85°C, and quickly homogenize for 3 minutes;
2. Add phase B and stir evenly, cool to 50°C, and add phases C and C1 in turn;
3. 45°C, discharge.

Physicochemical and stability parameters:

Appearance	Transparent light yellow liquid
pH (10% Sol.)	5.72
μ/mPa·s (25°C) mpa.s	--mpa.s
45°C	Testing
Ambient temperature	Testing
-15°C	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.