# Pieridae Beauty – Argireline Youth Spot Serum

## Product Summary

A lightweight, targeted gel-serum designed for expression lines on the forehead, crow’s feet, and smile lines. Featuring Argireline Youth Peptide (Acetyl Hexapeptide-8) at 10%, this spot serum smooths dynamic wrinkles, hydrates with hyaluronic acid, and strengthens skin with niacinamide and panthenol. Fragrance-free and gentle for sensitive skin.

## Formula – 100 g Batch

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Phase | Ingredient | % w/w | Grams | Function |
| A | Distilled Water | 71.5 | 71.5 g | Solvent |
| A | Glycerin (vegetable) | 4.0 | 4 g | Humectant |
| A | Sodium Hyaluronate (LMW) | 0.5 | 0.5 g | Deep hydration |
| B | Argireline (Acetyl Hexapeptide-8, 10% solution) | 10.0 | 10 g | Wrinkle-relaxing peptide |
| B | Panthenol (Vitamin B5) | 2.0 | 2 g | Soothing, barrier repair |
| B | Niacinamide | 4.0 | 4 g | Brightening, strengthens skin |
| C | Aristoflex AVC | 0.8 | 0.8 g | Gelling, silky texture |
| C | Leucidal Liquid or PE 9010 | 1.0 | 1 g | Preservative |
| C | Allantoin | 0.2 | 0.2 g | Soothing, anti-irritant |
| D | Fragrance-free / Botanical Hydrosol (optional) | 1.0 | 1 g | Sensory & branding touch |

## Manufacturing Instructions

1. Phase A – In sanitized beaker, add distilled water. Sprinkle in hyaluronic acid and allow full hydration. Stir in glycerin until uniform.  
2. Phase B – Pre-dissolve niacinamide in a small portion of Phase A water if needed. Add panthenol, Argireline solution, and niacinamide to Phase A (room temp, <40 °C).  
3. Phase C – Sprinkle Aristoflex AVC into the serum while stirring gently. Allow gel network to form. Mix until smooth. Add allantoin (ensure dissolved). Add preservative.  
4. Phase D – Fold in hydrosol or subtle natural fragrance, if desired.  
5. Adjust pH to 5.0–5.5 using diluted NaOH or citric acid as needed.  
6. Transfer to airless pump or rollerball applicator for targeted spot application.

## Usage

Apply morning & evening directly to fine lines (forehead, crow’s feet, smile lines). Follow with moisturizer or face oil. Safe under makeup.

## Marketing Highlights

✨ “Botox-like peptide serum”  
✨ Smooths expression lines without injections  
✨ Hydrating gel base with hyaluronic acid  
✨ Niacinamide + Panthenol = brightening + barrier support  
✨ Clean, lightweight, fragrance-free for sensitive skin

## INCI Listing

Water, Glycerin, Sodium Hyaluronate, Acetyl Hexapeptide-8, Panthenol, Niacinamide, Ammonium Acryloyldimethyltaurate/VP Copolymer, Leuconostoc/Radish Root Ferment Filtrate (or Phenoxyethanol and Ethylhexylglycerin), Allantoin, [Optional: Rosa Damascena Flower Water or other hydrosol].