

## MaxiMALE Beard Serum

17.100.02 C195

- Claims:**
- Silicone-like texture
  - Stimulates beard growth and prevents/fights greying process
  - Protects and soothes skin

PHASE	INGREDIENT	INCI NAME	SUPPLIER	%
A	Deionized Water Dissolvine® NA	Water Tetrasodium EDTA	- Univar	91.70 0.10
B	Siligel™	Xanthan Gum (and) Lecithin (and) Sclerotium Gum (and) Pullulan	Lucas Meyer Cosmetics	1.50
C	Vitapherole® E-1000	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	VitaeNaturals	0.20
D	Verstatil® PC	Phenoxyethanol (and) Caprylyl Glycol	Dr Straetmans	1.00
E	Greyverse™	Glycerin (and) Water (and) Palmitoyl Tetrapeptide-20 Amide	Lucas Meyer Cosmetics	2.00
	Capixyl™	Butylene Glycol (and) Water (and) Dextran (and) Acetyl Tetrapeptide-3 (and) Trifolium Pratense (Clover) Flower Extract	Lucas Meyer Cosmetics	2.00
	Canadian Willowherb™ 5% Clear	Water (and) Epilobium Angustifolium Flower/Leaf/Stem Extract	Lucas Meyer Cosmetics	1.50

**Manufacturing Procedure: COLD PROCESS**

1. Deploy Siligel™ into phase A under maximum stirring with rotor stator blender for 5 minutes.
2. Add C under maximum stirring.
3. Add D and E (one by one) under medium stirring.
4. Adjust the pH if necessary.

**Formula Specifications:**

Aspect: Translucent fluid gel  
 Viscosity (Brookfield LV, spindle 4, 6 rpm, 1 min): 5000 - 10 000 cP  
 pH: 5.0 - 5.5  
 Preservative efficacy test: Pass  
 Pilot batch: 17 kg

**Stability Tests:** On lab batch up to 3 kg

Up to 1 month at 50°C  
 Up to 3 months at: Room Temperature, 4-8°C and 45°C  
 Freeze thaw cycles (24h at 4°C and 24h at 45°C - 2 weeks)  
 Centrifugation (3000 rpm, 20 min): Stable  
 Vibrating table (400 rpm, 4h): Stable