

INNOVA

Vercatech SYNER8

Multifunctional active



Description and applications:

Multifunctional blend of ingredients that offers both solubilizing properties and good antimicrobial protection that allows you to develop self-preserving products without needing traditional preservatives. Therefore, Vercatech Syner8 is an alternative cost-effective multifunctional preservative system.

The mixture has synergistically acting ingredients easy to use, specially optimized to cover aqueous systems with pH independent antimicrobial activity and clear formulae. This allows you to harmonize the preservative system for most of all your aqueous portfolio. Furthermore, Syner8 has a very good toxicological profile of their components, and thanks to their synergy, a very low content of active matter at the recommended dosage into the final product, minimizing the risk of irritation.

INCI:

Methylpropanediol, Phenethyl Alcohol, Phenylpropanol

Appearance:

Colorless liquid

Recommended use level

Aqueous systems: 2,0-3,0 %

pH-range

Independent

Formulation Advices:

In aqueous systems of low viscosity add Vercatech Syner8 whenever is desired.
For viscous systems, add Vercatech Syner8 at the beginning before adding the thickener system.



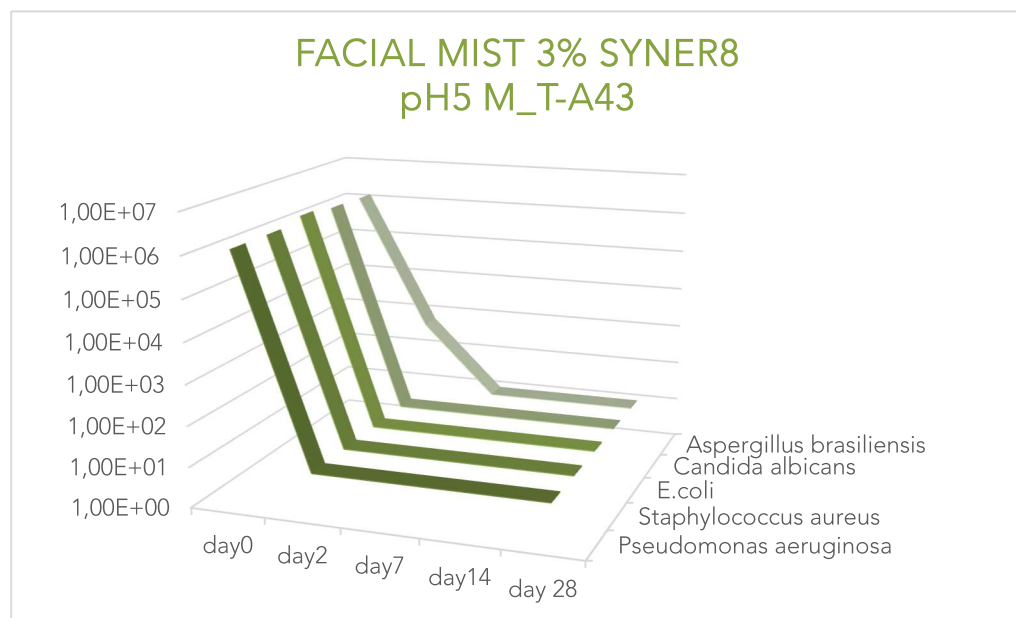
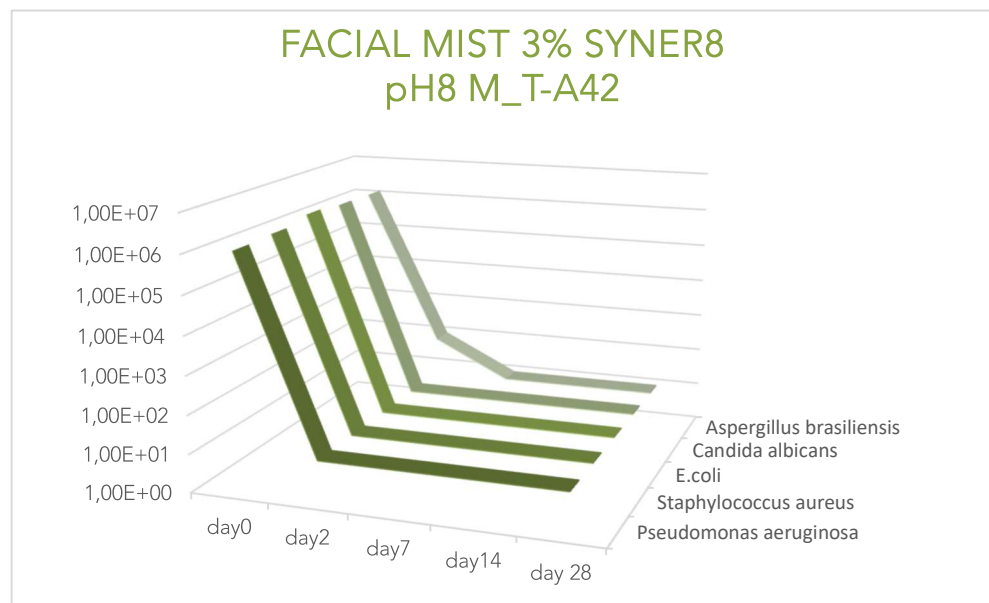
JOVER SCIENTECH, S.L.
Av. Font i Sagué, 9B Nau 8bis
08227 Terrassa, Barcelona
T 93 735 04 73 / 619 741 522
comercial@cqjover.com
www.joversciencetech.com

Antimicrobial
performance-
Aqueous Systems

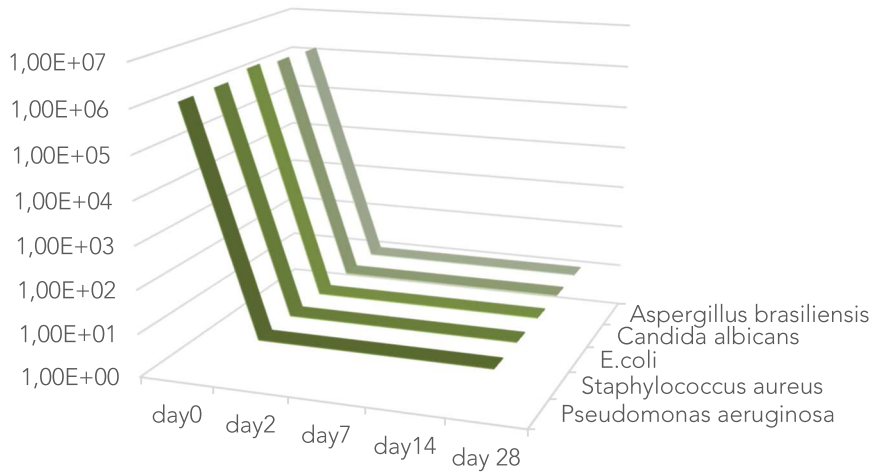
GRAM +	GRAM -	Yeast	Mould
✓✓	✓✓	✓✓	✓✓

Very good ✓✓, good ✓, Insufficient -

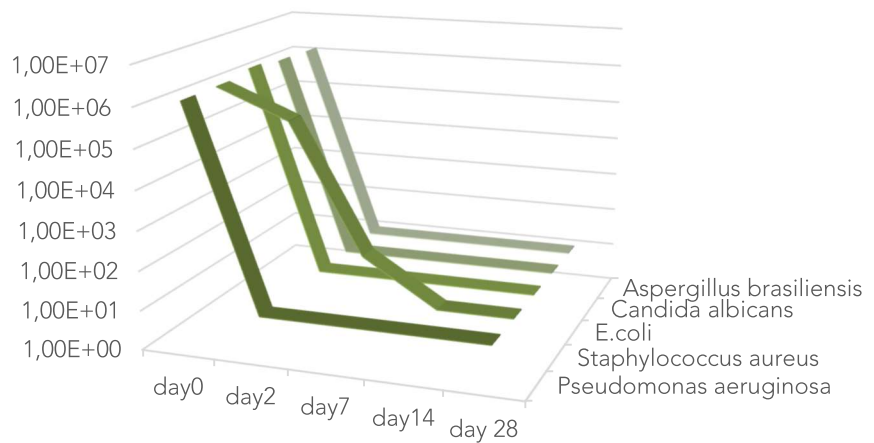
Results:



Brume Micellaire 3% SYNER8 pH7 M_T-A46



Simply Serum 3% SYNER8 pH7 M_SE-A33



Formula Example:

Facial Mist
M_T-A42/M_T-A43

A			
INGREDIENT	INCI	SUPPLIER	%
Deionized Water	Water	Jover	93,4
Vercare Phyta	Sodium Phytate	Jover	0,1
Vercatech SYNER8	Methylpropanediol (and) Phenetyl Alcohol (and) Phenylpropanol	Jover	3,0
Siligel™	Xanthan Gum (and) Lecithin (and) Sclerotium Gum (and) Pullulan	Lucas Meyer Cosmetics IFF	0,5
B			
Lysofix™ Liquid	Glycerin (and) Glycine Soja (Soybean) Seed Extract	Lucas Meyer Cosmetics IFF	2,0
C			
IBR-UrBioTect® 1901	Water (and) Vegetable Glycerin (and) Inula Helenium Extract	Lucas Meyer Cosmetics IFF	1,0

1. Mix phase A, add Siligel under medium stirring, until total dispersion| 2. Add phase B under medium stirring | 3. Add phase C under medium stirring | 4. Adjust to desired pH

M_T-A46 BRUME MICELLAIRE
SYNER8 pH7

A			
INGREDIENT	INCI	SUPPLIER	%
Deionized Water	Water	-	92,63
GLYCERECO	Glycerin	Jover	2,0
Vercare Phyta	Sodium Phytate	Jover	0,1
Vercarem P4C	Polyglyceryl-4 Caprate (and) Aqua	Jover	2,0
B			
Emulmetik™ 930	Lecithin	Lucas Meyer Cosmetics IFF	0,25
C			
Vercare Antiox 70	Tocopherol (and) Helianthus Anuus (Sunflower) Seed Oil	Jover	0,02
D			
Vercatech SYNER8	Methylpropanediol (and) Phenethyl Alcohol (and) Phenylpropanol	Jover	3,0

1. Heat phase A up to 75 C
2. When temperature is up to 65°C, add B in A under slow stirring. Keep under slow stirring for 20 minutes to hydrate phospholipids.
3. Add C just before emulsifying and increase stirring rate up to maximum level with a rotor stator blender for 3 minutes to form micelles. phospholipids. 4. Cool down under medium stirring 5. Add D
6. Adjust the pH if necessary. pH7



M_SE_A33 Simply Serum
SYNER8 pH 7

A			
INGREDIENT	INCI	SUPPLIER	%
Deionized Water	Water	Jover	95,2
Vercare Phyta	Sodium Phytate	Jover	0,1
Vercatech SYNER8	Methylpropanediol (and) Phenethyl Alcohol (and) Phenylpropanol	Jover	3,0
Riboxyl™	Ribose	Lucas Meyer Cosmetics IFF	0,5
B			
Siligel™	Xanthan Gum (and) Lecithin (and) Sclerotium Gum (and) Pullulan	Lucas Meyer Cosmetics IFF	1,00
C			
Vercare Antiox 70	Tocopherol (and) Helianthus Anuus (Sunflower) Seed Oil	Jover	0,2

1.Add B into A |2.Increase stirribing up to maxim level 2500 rpm 15 minutes |3.Add C
4. Adjust the pH if necessary at 7

Shelf life:

2 years as long as it is kept in closed original containers at recommended temperatures.

Storage:

Keep packaging unopened and undamaged. Store at room temperature in a clean and aerated place.

Packaging:

25L, 1.000 L. (IBC optional)

Use:

Cosmetic ingredient.

SERVICES:

R&D Application Lab for consulting and customer support in:

- Texture Ideas
- Preservation proposals
- Support in general

Challenge tests through an external certified laboratory.

