



Vitrenol®

Natural & Chemical-free Tocotrienols

True essence of Vitamin E

TRUE TO **NATURE**

TRUE TO **HEALTH**

Vitrenol® - Natural source Tocotrienol rich fraction Vitamin E extracted from sustainable palm oil.



**Vitrenol®
Powder**



**Vitrenol®
Liquid**

CERTIFICATIONS



Email: fp@icofgroup.com

www.musimmas.com





ABOUT MUSIM MAS

Musim Mas group is one of the world's biggest players in the palm oil industry with its headquarters in Singapore and global operational presence in 13 countries. The Group operates across every aspect of sustainable palm oil supply chain, from upstream oil palm plantations to midstream and downstream operations, to marketing and sale of value-added products globally.

Musim Mas is committed to the development of innovative value added products with research and development and application centers in Indonesia and Singapore. Vitrenol®, nature source Tocotrienols rich Vitamin-E is among the value-added products within Musim Mas portfolio.

Vitrenol® is marketed and promoted by Inter-Continental Oils and Fats, a member of Musim Mas Group.

Formulate gentle creams and lotions with all natural goodness without trace of solvents and other causes of skin irritation.

BENEFITS:



Reduce Cholesterol & Glucose Levels

- Reduces LDL cholesterol, total Cholesterol & glucose levels.¹



Improve Cardiovascular Health

- Positive effect in reversing plaque build-up.²
- Tocotrienol supplements reduce blockage of carotid artery.³



Stimulate The Immune System

- Enhances the immune responses to vaccines.⁴



Enhance Antioxidant Effect

- Scavenges the chain propagating peroxy radicals in liposomes.⁵



Increase Hair Growth

- Increase in number of hairs in hair-loss subjects after supplementing with Tocotrienol.⁶



Protect Skin Against UV Rays

- Topical application protects skin against UV skin damage & significantly reduced reaction to irradiation.⁷

Vitrenol® Liquid

Concentration	Product Name
20%	Vitrenol® 20L
30%	Vitrenol® 30L
40%	Vitrenol® 40L
50%	Vitrenol® 50L

Vitrenol® Powder

Concentration	Product Name
10%	Vitrenol® 10P
20%	Vitrenol® 20P
30%	Vitrenol® 30P

1. Qureshi et al. 1991. American J of clinical nutrition. 1991 Apr 53(4 Suppl) 1021-265
 2. Tomeo AC et al. Lipids 1995 Dec30(12) 1179-83
 3. Kooyenga, D.K., et al. Micronutrients and Health 2001 p. 366-375
 4. Mahalingam D et al. Eur J Clinical Nutrition 2011 Jan 65(1) 63-6
 5. Packer L, et al Journal of Nutrition 2001 131:5369-5373
 6. Boey LW et al. Tropical Life Sciences Res 2010 Dec 21(2)91-9
 7. Pedrilli V et al. J of Eur Ac'my of Der & Ven 2012 Nov 26(11) 1449-53

Disclaimer:

The information contained herein is to our best knowledge true and accurate, but all recommendations or suggestions are made without guarantee since we can neither anticipate or control the different conditions under which this information and our products are used.

Email: fp@icofgroup.com

www.musimmas.com

