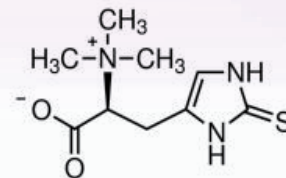


Ergevity™ Ergothioneine

CAS: 497-30-3

Chemical Formula: C₉H₁₅N₃O₂S

Molecular Weight: 229.3



Product introduction

Ergothioneine, as a natural antioxidant, has the effect of protecting DNA and proteins from oxidation. In many biochemical reactions at the cellular level, ergothioneine is thought to be 6,000 times stronger than vitamin E.

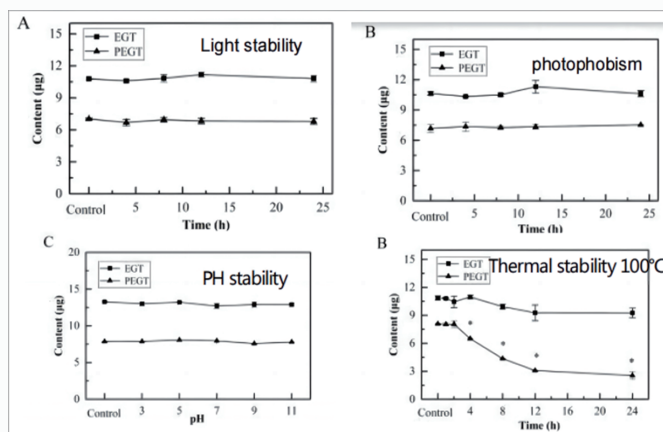
Specifications

Pure Ergevity™ Ergothioneine(99% HPLC)
Pure Ergevity™ Ergothioneine(99.5% HPLC)

Strong stability

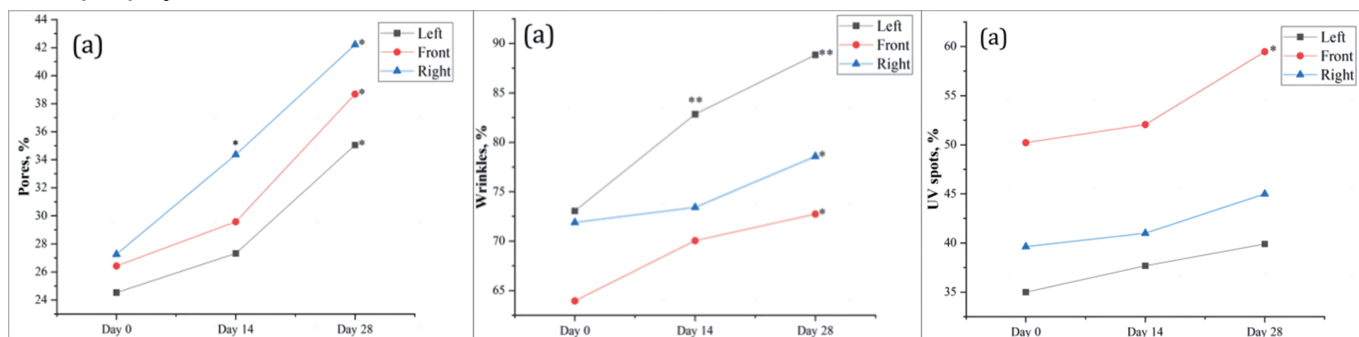
EGT comes in two forms: mercaptan and thio-ketone.

EGT in the human body physiological state, mainly in the form of thio-ketone. When the thiol structure is consumed, the stable thione structure is converted into thiol, which is used by the body. Because the S (sulfur) double bond of EGT is less reactive with oxygen in the thione structure, EGT has high oxidation stability.



Oral beauty effect

Dermatological assessment was performed using the VISIA photographic system. Studies have verified that oral Ergevity™ Ergothioneine has shown good effects in improving pores, anti-wrinkling, resisting melanin precipitate caused by UV, resisting brown spots, and resisting cutaneous porphyria.

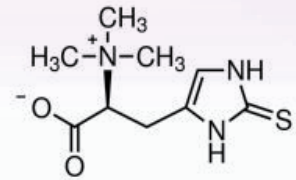


Advantages

- Natural source
- Stable: stable to light, high temperature, and also different pH.
- Non-allergic: suitable for all kinds of formulas without causing allergic reaction to all skin.
- It has a broad spectrum of antioxidant capacity and excellent antioxidant capacity
- Targeting: has exclusive transporter OCTN-1 to carry EGT into mitochondria and nucleus of inflammatory and damaged cells.
- Durable: half-life is 730 hours in vivo, which is 200 times of VC.
- Balanced: only remove excessive ROS that damage the living body, and do not affect the function of normal free radicals.
- Synergistic: able to stabilize VC and derivatives, astaxanthin, photoglycyrrhizine, retinol and derivatives.

Ergeivity™ 麦角硫因

CAS: 497-30-3
 分子式: C₉H₁₅N₃O₂S
 分子量: 229.3



产品介绍

麦角硫因作为一种天然抗氧化剂，具有保护DNA和蛋白质免受氧化的作用。在细胞水平的许多生化反应中，麦角硫因被认为比维生素E强6000倍。

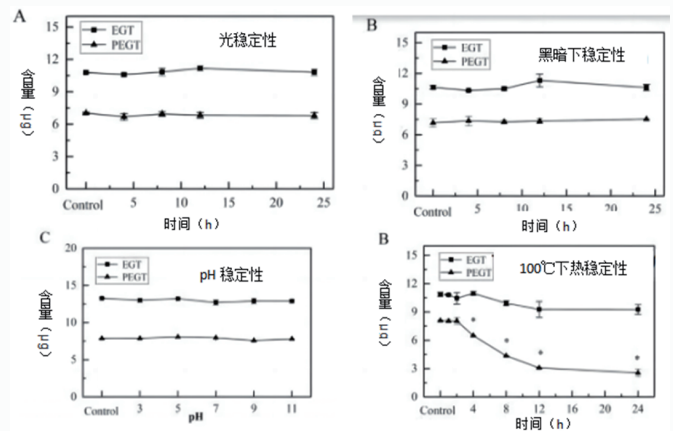
规格

Ergeivity™ 麦角硫因纯品(99% HPLC)
 Ergeivity™ 麦角硫因纯品(99.5% HPLC)

强大的稳定性

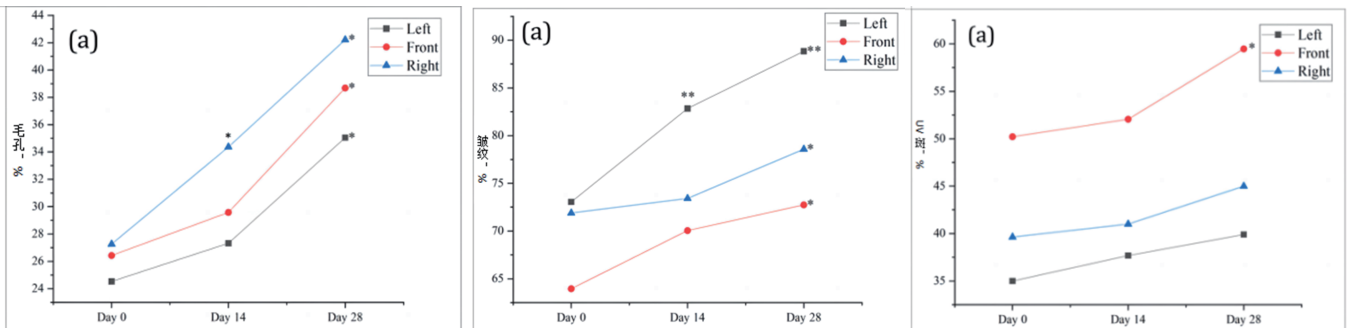
EGT具有两种形式——硫醇形式和硫酮形式。

EGT在人体内生理状态下，主要以硫酮形式存在。当硫醇结构被消耗时，稳定的硫酮结构转化成硫醇，被机体利用。由于硫酮结构下，EGT的S（硫）的双键与氧的反应性较小，因此EGT具有很高的氧化稳定性。



口服美容功效

使用VISIA照相系统进行皮肤病学评估。研究验证，口服 Ergeivity™ 麦角硫因在改善毛孔、抗皱、抵抗UV导致的黑色素沉淀、抵抗棕色斑点、抗皮肤卟啉症等方面，均呈现不俗的效果。



产品优势

- 来源天然
- 高稳定性：对光、高温、不同pH值均稳定。
- 不过敏：适用于各种配方，不会对任何肤质的皮肤产生过敏反应。
- 抗氧化能力广谱且不俗。
- 靶向性：具有排他性转运体OCTN-1，将EGT携带到炎症和受损细胞的线粒体和细胞核中。
- 耐用：体内半衰期730小时，是VC的200倍。
- 平衡：只清除过多的损害生物体的ROS，不影响正常自由基的功能。
- 协同作用：能够稳定VC及其衍生物、虾青素、光甘草酸、视黄醇及其衍生物。