UNIQUE SOLUTIONS FOR BETTER ABSORPTION
LIFOSOME products contain active ingredients which are Encapsulated within a Liposome to Improve their Absorption profile and increase their gastric tolerability and safety

This line of products with its Superior Liposomal Formulation is Easy to Consume and has Greater Patient Compliance compared to other formulations

The bioavailability of LIFOSOME products in the body is much higher than when using traditional oral forms
RAPID RESTORATION OF VITAMIN B12 LEVELS
Boosting the nervous system and reducing fatigue

- Helps to enhance functioning of the nervous and immune systems
- Helps to normalize psychological and cognitive functioning
- Helps to enhance normal red blood cell formation
- Helps to reduce tiredness and fatigue
- Stimulates increase in energy or endurance
- Helps to overcome problems associated with Vitamin B12 deficiency, such as tiredness, weakness, constipation, loss of appetite, weight loss and megaloblastic anemia
- Helps in problems associated with movement and helps to decrease numbness or tingling in the fingers and toes

KEY FEATURES

- LIFOSOME B12 contains Vitamin B12 which has been encapsulated in liposomes. The result is an improved absorption of Vitamin B12 in the blood.
- Vitamin B12 is important to maintain a healthy metabolism, blood cells and nerves. Serious Vitamin B12 deficiency may result in a low number of red blood cells (anemia), stomach/intestinal problems and permanent nerve damage.
- Vitamin B12 is one of the nutrients that can increase energy expenditure, reduce catabolism, and promote protein synthesis thereby enhancing training adaptations when taken regularly during training.
- Higher intake of Vitamin B12 throughout young adulthood is associated with better cognitive functioning in midlife.
- Vitamin B12 helps to provide an ergogenic benefit during exercise performance in well-nourished individuals.

REFERENCES:
2. Bo Qin, Pengcheng Xun, David R Jacobs Jr., Na Zhu, Martha L Davolus, Jared P Reis, Lyn M Steffen, Linda Van Horn, Stephen Sidney, and Ka He; Intake of niacin, folate, vitamin B-6, and Vitamin B-12 throughout young adulthood and cognitive function in midlife: the Coronary Artery Risk Development in Young Adults (CARDIA) study. Am J Clin Nutr doi: https://doi.org/10.3945/ajcn.117.157834

Composition

<table>
<thead>
<tr>
<th>Composition</th>
<th>Per mL</th>
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<tbody>
<tr>
<td>Vitamin B12</td>
<td>1000 mcg</td>
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DOSAGE

2 mL Daily

SKU

60 mL Liposomal solution per bottle, Box of 1 Bottle

FLAVOUR

Apricot & Vanilla

EASY TO USE
EASY TO CARRY
GENTLE ON THE DIGESTIVE TRACT
FASTER & BETTER ABSORPTION
BETTER STABILITY
LIFOSOME
CURCUMINOIDS
FOR RELIEF IN INFLAMMATORY AND AUTOIMMUNE CONDITIONS
Helps reduce pain, inflammation and stiffness related to rheumatoid arthritis

Helps reduce inflammation in arthritic patients and thus controls pain

Helps reduce the oxidative stress in the synovium of joints

Helps protect the cartilage cells from the damage induced by pro-inflammatory mediators

Helps prevent bone and cartilage loss

Helps reduce the usage of NSAIDs

KEY FEATURES

- **LIFOSOME CURCUMINOIDS** contains Cureit® which is a novel bioavailable Curcuminoid formulation. It is developed naturally, and has a bioavailability which is 10 fold greater than normal Curcuminoids

- **Cureit® Curcuminoids** acts as analgesic and anti-inflammatory agents for the management of rheumatoid arthritis and demonstrates antioxidant, antimicrobial and anti-inflammatory properties

- Oxidative stress is implicated in the pathogenesis of osteoarthritis. Curcuminoids are natural polyphenols with strong antioxidant capacity and may thus be helpful in the treatment of osteoarthritis

- **Cureit® Curcuminoids** are chain-breaking antioxidants capable of quenching lipid peroxidation

- **Cureit® Curcuminoids** can scavenge free radicals such as superoxide, hydroxyl and nitrite, up-regulate several antioxidant enzymes and suppress ROS generation

REFERENCES:


3. Yunes Panahi, Gholam Hossein Alishiri, Shahram Parvin & Amirhossein Sahebkar.; Mitigation of Systemic Oxidative Stress by Curcuminoids in Osteoarthritis: Results of a Randomized Controlled Trial.; Journal of Dietary Supplements, Early Online:1–12, 2015


LIFOSOME
CBD
REDUCES CHRONIC DISCOMFORT AND PAIN
Soothing the nervous system and relieving pain

Helps to relieve pain and inflammation in chronic disorders
Helps to alleviate symptoms in patients with multiple sclerosis
May help to reduce seizures and other neurological disorders
Helps to reduce stress and anxiety
Effective in reducing pain and sleep disturbance in patients with chronic central neuropathic pain

KEY FEATURES

- **LIFOSOME CBD** contains Cannabidiol (CBD), which is a cannabinoid compound and is reported to be of therapeutic value in neurological disorders associated with spasticity, ataxia and muscle weakness.\(^1\)
- The biological effects of CBD are mediated by binding to and further activation of cannabinoid receptors.\(^2\)
- CBD has a high capacity for suppressing pathophysiologic mechanisms like the wind-up phenomenon linked to neuropathic type of pain.\(^2\)
- The antiemetic and vasodilator properties of CBD are additional benefits that support its usage as an alternative medication in migraine refractory to conventional therapy.\(^2\)
- There are hundreds of different compounds in herbal cannabis, more than 60 of which are unique to the plant (cannabinoids), and many of these may interact, with additional synergistic or antagonistic effects.\(^3\)
- There are probably three cannabinoid receptors found in high concentration in areas of nociceptive transmission within the CNS and on nociceptive peripheral nerves.\(^4\)

**REFERENCES:**

2. J. Manzanares, M. D. Julian and A. Carrascosa; Role of the Cannabinoid System in Pain Control and Therapeutic Implications for the Management of Acute and Chronic Pain Episodes; Current Neuropharmacology, 2006, 4, 239–257

**Composition Per mL**

| Cannabidiol (CBD) | 3 mg |

**SKU**

- 60 ml Liposomal solution per bottle, Box of 1 Bottle

**DOSAGE**

- 2 mL Daily

**REFERENCES:**

2. J. Manzanares, M. D. Julian and A. Carrascosa; Role of the Cannabinoid System in Pain Control and Therapeutic Implications for the Management of Acute and Chronic Pain Episodes; Current Neuropharmacology, 2006, 4, 239–257
ANTIOXIDANT ACTION AGAINST FREE-RADICALS
Effectively reducing oxidative stress

• Helps to protect the cells, tissues, and organs from toxic free radicals and diseases
• Helps to repair cellular damage caused by stress, radiation, pollution, infection and a host of other ailments
• Helps to increase the levels of naturally occurring antioxidants in the body and relieve chronic fatigue
• Helps to support the body’s ability to manage oxidative stress and improve the activity of other antioxidants such as Vitamins C & E
• Helps to support a healthy cardiovascular system, especially with respect to healthy circulation and maintaining a healthy cholesterol profile
• Helps to maintain various systems as you age, including the eyes and skin and support the immune system to function at its best

KEY FEATURES

• **LIFOSOME GLUTATHIONE** contains Glutathione which is an antioxidant which neutralizes free radicals and prevents cellular damage.¹
• Glutathione is a critical part of strategies to ensure optimal health by regulation of metabolism.²,³
• Glutathione serves as beneficial supplement in aging subjects who are more affected by oxidative stress leading to osteoporosis and bone fractures.⁴,⁵
• Glutathione aids in the detoxification of reactive oxygen species which are continuously generated during oxidative metabolism.⁶
• Glutathione exhibits anti-inflammatory properties and stimulates reduction of viral infections caused due to abnormal amounts of oxidative stress in cells due to inflammation.⁷
• Glutathione can decrease oxidative damage and tissue damage within the lungs, thereby reducing the risk of developing COPD⁸
• Glutathione causes the production of a different type of melanin in skin cells and can help in skin lightening⁹

REFERENCES:

LIFSOME

VIT C

IMMUNITY ENHANCER AND ANTIOXIDANT
Boosting the immune system

- Helps to maintain the normal functioning of the immune system
- Helps in the protection of cells from oxidative stress, thereby causing reduction in tiredness and fatigue
- Helps in normal collagen formation for the normal functioning of blood vessels
- Helps in the normal functioning of bones, cartilage, gums, teeth and skin
- Contributes to the normal functioning of the nervous system
- Helps to stimulate regeneration of the reduced form of vitamin E and increase absorption of iron

KEY FEATURES

- LIFOSOME VIT C contains Vitamin C that has been packaged within liposomes. These liposomes protect the Vitamin C and guarantees optimum absorption with minimal gastric effects
- Vitamin C reduces oxidative damage of endothelial cells by reducing the production of Oxygen, Hydrogen Peroxide and Peroxynitrite, and thus improves tissue perfusion and oxygenation, and also mitigates subsequent organ dysfunction.1-5
- Vitamin C is the only endogenous antioxidant that can completely protect lipids from detectable peroxidative damage induced by aqueous peroxyl radicals.6
- Vitamin C traps virtually all peroxyl radicals in the aqueous phase before they can diffuse into the plasma lipids.6
- Vitamin C is outstandingly effective against the oxidants released from activated polymorphonuclear leukocytes and belongs to the first line of antioxidant defense.6

REFERENCES:


Composition Per mL

| Vitamin C | 1000 mg |

DOSAGE 1-2 mL Daily

SKU 100 ml Liposomal solution per bottle, Box of 1 Bottle

- EASY TO USE
- EASY TO CARRY
- GENTLE ON THE DIGESTIVE TRACT
- FASTER & BETTER ABSORPTION
- BETTER STABILITY