Lipitrol OX is designed to support the body’s ability to maintain healthy levels of oxidized LDL, which research indicates is an important factor in maintaining proper endothelial function and cardiovascular health.²⁻⁴ Containing standardized antioxidant extracts from olive fruit, pomegranate, and French maritime pine bark, Lipitrol OX synergistically maintains normal endothelial function, supports healthy blood pressure levels and a normal inflammatory response.

Overview
The endothelium is a one cell thick layer which lines our blood vessels that acts as an interface between the blood and the rest of the body. Current research indicates maintaining levels of oxidized low-density lipoproteins (oxLDL) already within the normal range is one of the most important markers for endothelial and cardiometabolic health.²⁻⁴ OxLDL and nitric oxide (NO) have been shown to exert opposing forces within the endothelium, with studies showing oxLDL inhibits thyroid stimulated NO production as well as increases arginase activity, the enzyme responsible for metabolizing arginine for endothelial mediated vasodilation, leading to arginine deficiency.⁵⁻⁷ Lipitrol OX contains key ingredients that maintain vascular health and HDL function, supports levels of oxLDL already within normal limits, as well as positively influences functional endothelial tests such as carotid intimal medial thickness and flow mediated dilation (FMD) assay.

Oligopin Maritime Pine†
French maritime pine bark extract (FMPBE) contains oligomeric procyanidins (OPC), a specific type of flavonoid showing strong antioxidant properties which help support healthy levels of circulating oxLDL.⁸ Oligopin (OP) is a standardized FMPBE with a unique profile characterized by high concentration of OPC and an absence of tannins, resulting in improved bioavailability.⁸⁻⁹ In a randomized, double-blind, placebo-controlled crossover trial consisting of 24 participants, 150 mg of OP supported many aspects of cardiometabolic health including maintaining healthy levels of both HDL-C and ApoB/A1 ratios, as well as supporting plasma oxLDL levels already within the normal range.

MEDITEANOX™ Olive Fruit Extract†
Olive oil possess naturally occurring phenolic compounds that have been investigated for their beneficial role in the Mediterranean diet’s ability to maintain arterial and cardiometabolic health.¹⁰⁻¹⁴ MEDITEANOX™ is an olive fruit extract standardized for hydroxytyrosol (HT), one of the olive’s primary polyphenols with potent antioxidant effects, with animal and in vitro studies showing its ability to support cardiometabolic health.¹⁵ Human pilot intervention studies using MEDITEANOX™ show beneficial effects in supporting healthy plasma oxLDL levels and antioxidant capacity, as well as supporting optimal cytokine balance.¹⁶⁻¹⁸

Pomanox™ Pomegranate Extract†
Pomegranate fruit has been a symbol of health and longevity used by many cultures throughout history, with research now revealing the fruits health promoting properties are due to a unique class of polyphenols called punicalagins (PC).¹⁹ Pomanox™ uses a propriety extraction method producing a polyphenol spectrum corresponding to whole fresh pomegranates, enabling natural synergy between PC and other pomegranate polyphenols which helps maintain...
cardiovascular health. Mechanistically, pomegranate PCs are able to support the function of HDL through PON1 activation, as well as activate nitric oxide production by activating the AKT/eNOS axis, supporting endothelial function. In a clinical trial using both Pomanox™ and MEDITEANOX™, the authors found HT and PC supported healthy blood pressure, as well as healthy levels of malondialdehyde (MDA) and oxLDL.

**Directions**

2 capsules per day or as recommend by your health care professional.

**Does Not Contain**

Gluten, yeast, artificial colors and flavors.

**Cautions**

Do not consume this product if you are pregnant or nursing. Consult your physician for further information.

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**Supplement Facts**

<table>
<thead>
<tr>
<th>Serving Size</th>
<th>2 Capsules</th>
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<table>
<thead>
<tr>
<th>Amount Per Serving</th>
<th>% Daily Value</th>
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<tr>
<td>Pomegranate Fruit Extract (Pomanox®)</td>
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<td>(Standardized to contain 30% Total Punicalagins (A &amp; B) and Punicalins (A &amp; B))</td>
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<td>French Maritime Pine Bark Extract (OLIGOPIN®)</td>
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<td>Olive Fruit Extract (Mediteanox®)</td>
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<tr>
<td>(Standardized to contain 20% Hydroxytyrosol)</td>
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</table>

* Daily Value not established

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**References**


18. Nutritional intervention study with Meditanox in persons with high waist circumference. Unpublished RCT, University Hospital La Paz, Madrid, Spain.


