



**ROSSOPURO<sup>®</sup>**  
**FORTE**



## **NATURALLY POWERFUL FOR MAINTAINING HEALTHY CHOLESTEROL LEVELS**

“ **ROSSOPURO<sup>®</sup> Forte** is a proprietary ingredient of natural origin standardized to contain monacolin K, gamma oryzanol and GABA. These bioactive compounds exert a synergistic action contributing to maintain healthy levels of cholesterol and CRP. ”



Cardiovascular disease remains the leading cause of mortality and morbidity worldwide, with coronary artery disease being the number-one cause of death.

Cholesterol is a fatty substance produced naturally by the liver and found in the blood. While cholesterol is necessary for many bodily functions such as hormonal production and cellular health, too much cholesterol in the blood can stick to the walls of the arteries and narrow or even block them. In fact, beyond a cholesterol level of 200 mg/dl, the level becomes a key contributing risk factor for future heart disease. By controlling total cholesterol, and especially low-density lipoprotein (LDL) known as “bad” cholesterol, the risk for future heart attacks and strokes can be reduced.

In addition to cholesterol, the blood also contains a type of fat called triglycerides, which are stored in the body's fat deposits. Like cholesterol, the body needs triglycerides to work properly.

However, there is evidence to suggest that some people with high triglycerides are at increased risk of heart disease and stroke.

For some people, lifestyle changes, such as a healthier diet and more exercise, may prevent and control unhealthy cholesterol levels. For others with high cholesterol and triglycerides, medication may also be needed.

However, dietary supplements including ingredients such as red yeast rice, soluble fibers and niacin, **can also be effective in addition to the diet for keeping cholesterol levels in a healthy range.**

Researched and developed by Giellepi, **ROSSOPURO® Forte** is a proprietary blend of natural origin components derived from plants and fermented rice.

The bioactive compounds found in **ROSSOPURO® Forte** work synergistically to reduce total cholesterol, decrease LDL, triglycerides and lower inflammation.

### Cholesterol levels for adults, ages 20 and over

AMOUNT (mg/dL)	TOTAL	LDL	HDL	TRIGLYCERIDES
<b>Ideal</b>	<200	<100	>60	<150
<b>Borderline</b>	200-239	130-159	Women: 40-59 Men: 50-59	150-199
<b>Too high or low</b>	<240	High: 160-189 Very high: >190	Women: <40 Men <50	High: 200-499 Very high: >500

Source: adapted from Mayo Clinic and US National Library of Medicine

**ROSSOPURO® Forte** is standardized to contain:

- **Monacolins** produced from the fermentation of rice by the yeast *Monascus purpureus*. Monacolins (particularly monacolin K) are naturally-occurring HMG-CoA reductase inhibitors with a proven cholesterol-lowering effect.
- **Gamma oryzanol**, a unique mixture of triterpene alcohol and sterol ferulates that help to maintain healthy levels of triglycerides and cholesterol.
- **Gamma aminobutyric acid (GABA)**, a natural occurring amino acid able to modulate inflammation

In a preclinical efficacy and safety study, mice were fed with a high fat diet with the addition of **ROSSOPURO® Forte** or **RED YEAST RICE**.

### 6 MONTHS PRECLINICAL TRIAL RESULTS (Derosa et al 2019)



REDUCTION IN TOTAL CHOLESTEROL



DECREASE IN LDL CHOLESTEROL



REDUCTION IN CRP LEVELS

	RED YEAST RICE			ROSSOPURO® Forte		
	Baseline	6 months	% change	Baseline	6 months	% change
TC (mg/dl)	119.8	102.1	-15%	114.2	91.4*	-20%
LDL (mg/dl)	20.4	15.2	-25%	20.2	10.1*	-50%
HDL (mg/dl)	124.6	122.5	-2%	123.4	121.9	-1%
TG (mg/dl)	140.9	108.4	-23%	138.7	101.3	-27%
CRP (mg/l)	3.9	4.3	+10%	4.1	3.6*	-12%
Blood glucose	75.4	73.4	-3%	79.3	76.1	-4%

\*p<0.05 vs Red Yeast Rice at 6 months

### KEY FEATURES

- ✓ Synergistic benefits from plant-derived compounds
- ✓ Standardized Monacolin K content (3% and 5%)
- ✓ Efficacy confirmed by a preclinical study
- ✓ Natural origin
- ✓ Third party tested for purity and quality
- ✓ Can be used either as a standalone or complementary ingredient