MEDI HERB

Rhodiola & Schisandra

Support During Everyday Stress*

Rhodiola and **Schisandra** are traditionally used in herbal preparations to help:

- ✓ Support the **nervous system during stress** (adaptogenic)
- ✓ Support mental **concentration** under stressful conditions
- ✓ Reduce **mental fatigue** under stressful conditions
- ✓ The body adapt to occasional stress-related fatigue, working as an adaptogen
- ✓ Support **cognitive function** such as mental focus and mental stamina
- ✓ The body adapt to the changes of everyday life
- Maintain proper energy and support healthy physical performance*

Rhodiola and Schisandra are used for their:

✓ Antioxidant properties*

MediHerb Rhodiola & Schisandra contains high-quality herbal extracts of Rhodiola root and Schisandra fruit. Both herbs belong to a remarkable and distinctive class of herbs known as 'adaptogens,' which are highly valued in their respective traditional systems in North-East Europe, Asia and China to support the body during everyday stress(es). In addition, Rhodiola (also known as 'Golden Root,' 'Rose Root' or 'Arctic Root')¹ is standardized to provide the important bioactive components rosavins and salidrosides.

What Are Adaptogens and How Do They Work During Stress?

Most people consider 'stress' to cause 'distress'. However, compared to being just calm, a normal level of stress (also known as 'eustress') is needed to increase our productivity or performance,² like training physically for a marathon or studying for an exam. The more we practice, the better we get at it. Or do we? At the optimal level, our performance will reach its peak. Exceeding this optimal level however, tends to disrupt our normal balance or 'homeostasis' and lead to a decline in our performance.³ Using adaptogenic herbs like Rhodiola and Schisandra during these (often temporary) stressful conditions can help us adapt better, maintain that crucial balance, and therefore a feeling of general well-being (see Figure 1). Moreover, as adaptogens typically work in non-specific ways, they can target multiple normal body functions, such as mental, emotional and physical functions, all at once.⁴



SUPPORT FOR COGNITIVE FUNCTION & MENTAL FATIGUE

> MAINTAIN ENERGY & PHYSICAL PERFORMANCE*

RHODIOLA STANDARDIZED TO ROSAVINS & SALIDROSIDE*

M1800 60 Tablets

Suggested Use:

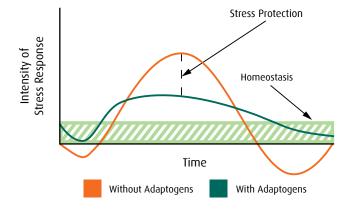
1 tablet 2 – 4 times daily, or as directed.

Serving size:	1 Tablet	
Servings per container:	60	
	Amount per Serving	%DV
Calcium	89 mg	6%
Rhodiola root 4:1 extract from <i>Rhodiola rosea</i> root 600 mg Containing salidroside 1.5 mg and rosavins 4.5 mg	150 mg	†
Schisandra fruit 6:1 extract from <i>Schisandra chinensis</i> fruit 660 mg	110 mg	†

Other Ingredients: Dibasic calcium phosphate dihydrate, microcrystalline cellulose, sodium starch glycolate, hypromellose, magnesium stearate and silicon dioxide.

Cautions: Not to be used during pregnancy and lactation unless otherwise directed by a qualified health care professional.

Figure 1: General Overview of Stress Response Linked to Adaptogens



How **Rhodiola & Schisandra** Supports Your Health:



Rhodiola is a popular and highly valued adaptogen from the traditional systems of Eastern Europe, Scandinavia and Asia. It was reportedly used by Vikings to support physical strength and endurance. 1,5,6 However, Rhodiola is not only used traditionally to support physical performance, but also mental concentration and nervous system function, especially where these are affected by everyday stress. In addition to this, Rhodiola helps the body adapt to occasional stress-related fatigue. 5*



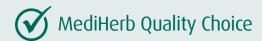
Schisandra, originally a well-known traditional Chinese herb, 7.8 gained recognition as an adaptogen in the USSR in the early 1960s. During temporary stress, it helps to support our mental concentration, focus and stamina. Overall, Schisandra supports our ability to adapt to the changes of everyday life and therefore reduces any stress-related fatigue. 10*



Rhodiola^{5,6} and **Schisandra**¹ also provide important antioxidant activity, ¹¹ which helps to counteract oxidative stress caused by everyday stress. ^{12*}

References

- ¹ Braun L. Cohen M. *Herbs & Natural Supplements An evidence-based guide*. 4th ed. Volume 2. Sydney: Churchill Livingstone; 2015.
- ² American Institute of Stress. What is Stress? 2020. Available from: https://www.stress.org/daily-life
- ³ Everly GS, Lating JM. A Clinical Guide to the Treatment of the Human Stress Response. Springer, New York, NY; 2019.
- Barnes J, Anderson LA, Phillipson JD. Herbal Medicines. 3rd edition. RPS Publishing, London, 2007, pp.500-505.
- ⁵ Panossian A, Wikman G, Sarris J. Rosenroot (Rhodiola rosea): traditional use, chemical composition, pharmacology and clinical efficacy. *Phytomedicine*. 2010 Jun; 17(7):481-93.
- Alternative Medicine Review. Rhodiola rosea. Monograph. *Thorne Research*. 2002;**7**(5):421-423.
- Bone K. A Clinical Guide to Blending Herbs. St. Louis: Churchill Livingstone; 2003., pp.405-408.
- 8 Thorne Research. Schizandrae chinensis. Alternative Medicines Monographs. 2002, pp.382-383.
- ⁹ Panossian A, Wikman G. Pharmacology of Schisandra chinensis Bail.: an overview of Russian research and uses in medicine. J Ethnopharmacol. 2008 Jul 23;118(2):183-212.
- ¹⁰ Panossian A, Wikman G. Evidence-based efficacy of adaptogens in fatigue, and molecular mechanisms related to their stress-protective activity. *Curr Clin Pharmacol*. 2009 Sep;**4**(3):198-219
- Health Canada Monographs. Rhodiola rosea. Monograph. Available from: http://webprod.hc-sc.gc.ca/nhpid-bdipsn/atReq.do?atid=rhodiol&lang=eng
- ¹² Pizzino G et al. Oxidative Stress: Harms and Benefits for Human Health. Oxid Med Cell Longev. 2017;**2017**:8416763.



Results-driven formulations

MediHerb develops formulas focused on perfecting the balance of the highest quality ingredients to produce the highest quality herbal supplements. Our commitment to quality governs all aspects from sourcing ingredients to bottling to ensure the high standard of our herbal extracts.

Strict product testing

MediHerb has developed a strict quality assurance program that goes beyond industry standards. This is upheld with precision and dedication so you can be confident MediHerb products are free from adulterants and contamination, while containing the right levels of active phytochemicals that result in a quality end product.



Please consult the product packaging label for the most accurate product information.

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