

**Vanadyl Sulfate**  
**Biologically Active Vanadium Supplement**  
**Pure, Crystalline Vanadyl Sulfate**

**DESCRIPTION**

Vanadyl Sulfate, provided by Douglas Laboratories®, is a trace element compound that contains vanadium bound to sulfur. Each tablet provides 100% pure, crystalline vanadyl sulfate. Vanadium in its reduced form, vanadyl, constitutes 19.5% of this supplement.

**FUNCTIONS**

Research suggests that vanadyl sulfate may have unique activity within a number of physiological systems including glucose, lipid and bone metabolism. The mechanism by which vanadyl sulfate influences various metabolic pathways is not fully understood. However, it is believed that the vanadyl ion, which is found in nearly all tissues in the body, is the active form of vanadium within cells. Vanadate, another vanadium ion that is found in body fluids, may be reduced by glutathione to the vanadyl form upon entering the cell. However, most studies investigating the effects of vanadyl have successfully used orally administered vanadyl sulfate.

**INDICATIONS**

Vanadyl Sulfate may be given orally as a daily supplement as a source of the vanadyl ion for individuals who wish to supplement their intake of vanadium or who have a demonstrated need for supplemental vanadium in its active form due to dietary deficiency or impaired metabolism.

**FORMULA (VDL)**

Each tablet contains:

Pure, crystalline vanadyl sulfate.....7.5mg\*

\*providing 1.46 mg of elemental vanadium

**SUGGESTED USE**

One tablet daily with meals as a dietary supplement, or as directed by physician.

**SIDE EFFECTS**

No adverse side effects have been reported.

**STORAGE**

Store in a cool, dry place, away from direct light. Keep out of reach of children.

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**REFERENCES**

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Nielsen FH: Ultratrace Minerals: Vanadium. In: *Modern Nutrition in Health and Disease*, 8th ed., (Shils ME et al. eds.) Vol. I, Lea & Febiger, 1994, pp. 282-284.  
Prasad AS: Trace Elements in Human Health and Disease, Vol. II Academic Press, Inc., The Nutrition Foundation, 1975, pp. 387-390.  
Schechter Y., Karlish SJD: Insulin-like stimulation of glucose oxidation in rat adipocytes by vanadyl (IV) ions. *Nature*. 1980,284:556-558.

**For more information on Vanadyl Sulfate visit [douglaslabs.com](http://douglaslabs.com)**

† These statements have not been evaluated by the Food and Drug Administration.  
This product is not intended to diagnose, treat, cure, or prevent any disease.

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**You trust Douglas Laboratories.  
Your patients trust you.**