

# Primeval Labs Neanderthal – Unleash your Inner Man Beast

written by Mike Roberto | October 17, 2017



All too often, natural testosterone boosters are just a joke – sadly there’s no other way to put it. Most formulas on the market are poorly formulated or underdosed, and it’s where we see way too much scamming going on.

But the men at **Primeval Labs** have something to say about that. They’re about to turn your assumptions of natty T products upside down with the release of **Neanderthal**, a well-named and fully loaded natural testosterone booster / men’s health formula *powder* that’s packing clinical doses of 11 different ingredients from thirty full drink servings!

With some of these doses, this is a product that will surely live up to its name – and it’s a great name at that. So let’s get ready to get back to your Neanderthal roots.

The breakdown is just ahead, but before we get to it, take a second to sign up for PricePLOW alerts and receive the very best deals from around the web. You can also see [PrimevalLabs.com](http://PrimevalLabs.com) to compare against our coupons:

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## Neanderthal Ingredients

Neanderthal is packing a heaping scoop size by testosterone booster standards and looks to be one of the first products to truly enhance natural T production.

- **Vitamin D3 (5,000IU)**



**Supplement Facts**  
Serving Size: 1 Scoop (10.7g)  
Servings Per Container: 30

	Amount Per Serving	% Daily Value
Vitamin D (as cholecalciferol)	5000 IU	625%
Vitamin B6 (as pyridoxine hydrochloride)	120 mg	7059%
Zinc (as zinc aspartate)	50 mg	455%
D-Aspartic Acid	3 g	†
Maca Powder (Lepidium meyenii)(root)	3 g	†
L-Carnitine L-Tartrate	2 g	†
Rhodiola Extract (Rhodiola rosea)(root)	200 mg	†
Ashwagandha Extract (Withania somnifera) (roots and leaves)(Sensoril™)	125 mg	†
Mucuna Pruriens Extract (L-Dopa)(seeds)	100 mg	†
3,3'-Diindolylmethane (DIM)	100 mg	†
Boron (as boron glycinate complex (Bororganic™ Glycine))	10 mg	†

† Daily Value Not Established

**Other ingredients:** Natural Flavors, Silicon Dioxide, Sucralose, Citric Acid, Red #40

**Directions for NEANDERTHAL:** Mix 1 rounded scoop with 6oz of cold water daily. For best use take suggested serving before bed.

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Neanderthal is bringing some serious doses with 11 fully-dosed ingredients

It's no secret that people are spending more and more time indoors and less time outside in the sun. Blame it on technology, longer commutes, or extended working days, the fact is people aren't getting enough sunshine in their lives, and this is causing a serious deficiency in **Vitamin D**.

Being deficient in the "sunshine" vitamin is bad news for several things, but most pertinent to men is that it stunts their testosterone production.

Moreover, lacking Vitamin D also increases body fat and estrogen levels and reduces lean mass and fertility.[1] Fortunately, these issues can be corrected with D3 supplementation, and that's exactly what Neanderthal aims to accomplish by including a stout 5,000IU Vitamin D per serving. You'll experience increased testosterone production and added aromatase inhibition once your D levels are back where they should be.[2,3]

### **5000IU is our favorite dose**

5000IU is the supplemental dose we *already* like for men – at PricePLOW this is what we like to get on top of whatever the multivitamin brings. One less supplement to buy thanks to Neanderthal!

- **Zinc (30mg)**

Science has established a pretty solid link between testosterone levels, sexual health, and **zinc** levels in the body. Unfortunately, most hard-training athletes are deficient in the essential mineral, which puts you at risk for reduced testosterone production and impaired immune function.[4] You may also experience decreased libido too, which isn't exactly ideal...

Zinc is not only vital to testosterone production, but also maximizing muscle gains since it's been shown to increase IGF-1 (insulin-like growth factor-1), an important muscle-building and recovery hormone.[5] Bottom line is, you want (and NEED) zinc!

- **D-Aspartic Acid (3g)**



Neanderthal is here and ready to take the natty test booster niche by storm.

D-Aspartic Acid (DAA) is a non-essential amino acid known to play a critical role in the production of male sex hormones including follicle-stimulating hormone (FSH), luteinizing hormone (LH), and growth hormone (GH). Higher levels of these hormones boost testosterone production in the body.

Research shows men consuming 3g / day of DAA (the same dose in Neanderthal) for 12 days experienced a 42% increase in testosterone production![6] Other research indicates that it may not be so effective in younger man, and dosed too highly (6g / day) may *negatively* impact T levels.[7]

So, DAA may be one of those ingredients that's more beneficial the older you get, but not so necessary for the younger crowd. Our take is that this usually provides 2-3 weeks of pure badassery – we don't oversell the ingredient, but we do enjoy the hype for a *short* amount of time!

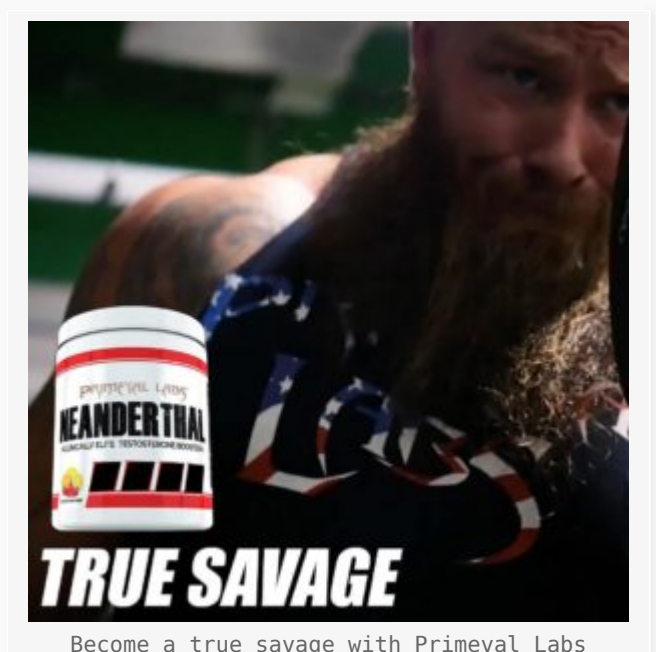
- **Maca Powder (3g)**

Used for centuries by Peruvian men as an aphrodisiac, **Maca** is a plant used commonly for its testosterone boosting properties. Research demonstrates that it's extremely useful for raising libido, sexual desire, and fertility.[8,9]

Additionally, maca also exerts some powerful anti-stress qualities due to its adaptogenic properties. Studies demonstrate individuals using maca experienced improved learning, memory, and performance.[10]

3g is a very large dose here, and this is already the ingredient that's sealed the deal for us in terms of recommendation – at least to “early adopters” like ourselves who want to try new things.

- **L-Carnitine L-Tartrate (2g)**



Frequently seen in fat burners and recovery supplements, **L-Carnitine L-Tartrate** (LCLT) is a highly bioavailable form of L-Carnitine, a compound that aids in the conversion of fat to usable energy.

Aside from its fat burning properties, LCLT also enhances recovery by reducing exercise-induced muscle damage.[11] On top of that, it also increases androgen receptor density,[12] which makes your body use anabolic hormones more efficiently. And, LCLT also has been shown to enhance sperm motility.[13]

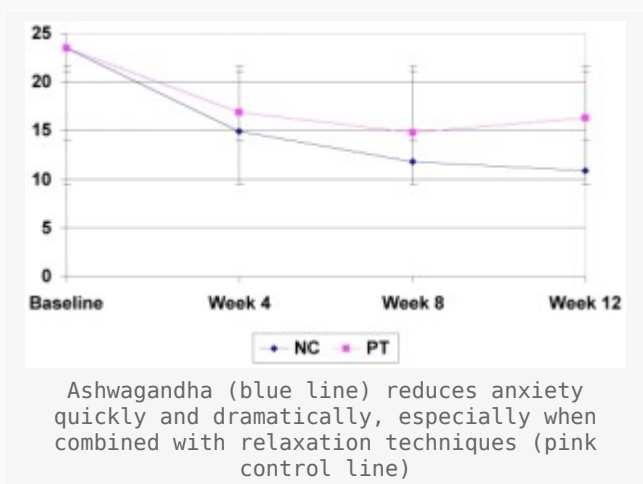
Those last two reasons are why its here, but given that LCLT has the performance-related benefits, we have here double the positive news. Good ingredient, great dose, once again.

### • **Rhodiola Rosea (300mg)**

When cortisol is chronically elevated, it can seriously stunt your testosterone production. The more you're stressed, the more your T levels will plummet and your fat stores will increase. That's where **Rhodiola** comes to your aid.

Rhodiola is an incredibly popular adaptogenic herb that improves the body's response to all forms of stressors that assault your senses on a daily basis. Supplementing with adaptogens helps blunt the mental fatigue that comes with stress, and the even boost cognitive function by increasing levels of dopamine, serotonin, and norepinephrine.[14,15]

### • **Sensoril Ashwagandha (125mg)**



Another popular adaptogenic herb is **Ashwagandha**. A staple ingredient of Ayurvedic medicine, ashwagandha reduces stress[16], as well as impacts

testosterone production in a big way.

Ashwagandha boosts production of several important anabolic hormones including Luteinizing Hormone (LH) and Testosterone and it even improves semen quality in men.[17]

This is the one ingredient that's a bit lower-dosed in terms of *testosterone* gain, but we're not lacking other well-dosed ingredients in that department. Thankfully Primeval has at least chosen to use the standardized *Sensoril* form so we know it's not a watered-down extract.

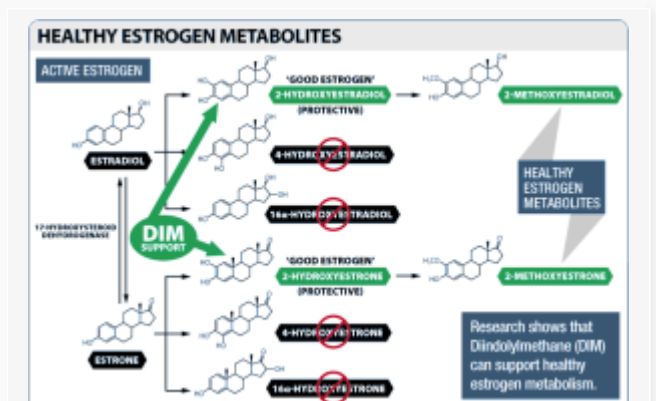
### • **Mucuna Pruriens (300mg)**

Mucuna Pruriens is a medicinal plant jam-packed with L-Dopa, the precursor to dopamine. Supplementing with Mucuna enhances mood and overall sense of well-being by increasing dopamine,[18] but more pertinent to its place in a T-booster, it also inhibits prolactin release, which improves liver and kidney function.[19]

Furthermore, L-Dopa also increases libido, testosterone, and luteinizing hormone (LH) levels, all while reducing cortisol.[20,21]

And finally, this is often great for keeping prolactin levels down, which is important for those who are in post cycle therapy.

### • **DIM (100mg)**



I3C works similarly to DIM (Diindolylmethane), whose estrogen metabolites are shown here. Image courtesy HLHT

Now it's time to handle the estrogen side of things:

**DIM** (*Diindolylmethane*) is the primary active constituent of indole-3-carbinol (I3C), an anti-estrogenic compound found in cruciferous vegetables. DIM is a more "direct" form of I3C that gives you the benefits of I3C in a more

expedient manner. Without getting too sciency into how DIM works (it's complicated), just know that it lowers "bad" estrogen levels, and promotes more "good" estrogens, like 2-hydroxyestrone.[22,23,24]

- **Boron (10mg)**

Another important mineral is **boron**, which is also critical to health, function, and testosterone production. Research shows that supplementing with 10mg boron (the same dose used here) increases free testosterone levels by 28%! On top of that, it also decreases estradiol by 39% after only seven days of use![25,26]

## Dosing



Neanderthal comes in the extremely appetizing flavor of sour orange berry, but will it cover up all the actives?

For best results, mix 1 rounded scoop with 6oz cold water and consume before bed.

## Takeaway

Powdered testosterone boosters have been a rarity in the supplement industry after sales of D-Aspartic Acid solo supplements started declining, but leave it to the wizards at Primeval Labs to unleash a truly monstrous formula that has the DAA but so much more. They're stepping up the quality of the natural testosterone booster by packing it full of massive doses of numerous pro-testosterone ingredients.

It'll be interesting to see how the flavoring is on this guy, given the crazy number of actives present in it. But we couldn't have thought of much of a

better product to get named *Neanderthal*, and what a fitting name for a supplement from *Primeval Labs*.

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## References

1. Lee DM, Tajar A, Pye SR, et al. Association of hypogonadism with vitamin D status: the European Male Ageing Study. *Eur J Endocrinol.* 2012;166(1):77-85. doi:10.1530/EJE-11-0743.
2. Pilz S, Frisch S, Koertke H, et al. Effect of vitamin D supplementation on testosterone levels in men. *Horm Metab Res = Horm und Stoffwechselforsch = Horm Metab.* 2011;43(3):223-225. doi:10.1055/s-0030-1269854.
3. Dahlquist DT, Dieter BP, Koehle MS. Plausible ergogenic effects of vitamin D on athletic performance and recovery. *J Int Soc Sports Nutr.* 2015;12(1):33. doi:10.1186/s12970-015-0093-8.
4. Kylie, M., et. al. (2006). The effect of exhaustion exercise on thyroid hormones and testosterone of elite athletes receiving oral zinc. *Neuro Endocrinology Letters.* 27(1-2): 247-252
5. Rocha ED de M, de Brito NJN, Dantas MMG, Silva A de A, Almeida M das G, Brandao-Neto J. Effect of Zinc Supplementation on GH, IGF1, IGFBP3, OCN, and ALP in Non-Zinc-Deficient Children. *J Am Coll Nutr.* 2015;34(4):290-299. doi:10.1080/07315724.2014.929511.
6. Topo, E., Soricelli, A., D'Aniello, A., Ronsini, S., & D'Aniello, G. (2009). The role and molecular mechanism of D-aspartic acid in the release and synthesis of LH and testosterone in humans and rats. *Reproductive Biology and Endocrinology*, 7(120), 1482-1488.
7. Melville GW, Siegler JC, Marshall PW. Three and six grams supplementation of d-aspartic acid in resistance trained men. *Journal of the International Society of Sports Nutrition.* 2015;12:15. doi:10.1186/s12970-015-0078-7. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4384294/>
8. Shin B-C, Lee MS, Yang EJ, Lim H-S, Ernst E. Maca (*L. meyenii*) for improving sexual function: a systematic review. *BMC Complementary and Alternative Medicine.* 2010;10:44. doi:10.1186/1472-6882-10-44.
9. Gonzales, G. F., Córdova, A., Vega, K., Chung, A., Villena, A., Góñez, C. and Castillo, S. (2002), Effect of *Lepidium meyenii* (MACA) on sexual desire and its absent relationship with serum testosterone levels in adult healthy men. *Andrologia*, 34: 367-372. doi:10.1046/j.1439-0272.2002.00519.x
10. Rubio J, Caldas M, Dávila S, Gasco M, Gonzales GF. Effect of three different cultivars of *Lepidium meyenii* (Maca) on learning and depression in ovariectomized mice. *BMC Complementary and Alternative Medicine.* 2006;6:23. doi:10.1186/1472-6882-6-23.
11. Kraemer WJ, Volek JS, French DN, et al. The effects of L-carnitine L-tartrate supplementation on hormonal responses to resistance exercise and recovery. *J strength Cond Res.* 2003;17(3):455-462.
12. Kraemer WJ, Spiering BA, Volek JS, et al. Androgenic responses to resistance exercise: effects of feeding and L-carnitine. *Med Sci Sports Exerc.* 2006;38(7):1288-1296. doi:10.1249/01.mss.0000227314.85728.35.



13. Aliabadi E, Soleimani Mehranjani M, Borzoei Z, Talaei-Khozani T, Mirkhani H, Tabesh H. Effects of L-carnitine and L-acetyl-carnitine on testicular sperm motility and chromatin quality. *Iranian Journal of Reproductive Medicine*. 2012;10(2):77-82.
14. Khanum F., et. al.; *Comprehensive Reviews in Food Science and Food Safety*; "Rhodiola rosea: A versatile Adaptogen;" 2005
15. Shevtsov VA, et al; *Phytomedicine*; "A randomized trial of two different doses of Rhodiola rosea extract versus placebo and control of capacity for mental work;" 2003
16. Bhutani KK, Jadhav AN, Kalia V. Effect of *Symplocos racemosa* Roxb. on gonadotropin release in immature female rats and ovarian histology. *J Ethnopharmacol*. 2004;94(1):197-200. doi:10.1016/j.jep.2004.04.022.
17. Ahmad, V., Abbasi, M., Zubair, M., Fatima, N., Farooq, U. and Choudhary, M. Iqbal. (2004), Phosphodiesterase-Inhibiting Glycosides from *Symplocos racemosa*. *HCA*, 87: 67-72. doi: 10.1002/hlca.200490018
18. Müller, T; "Acute levodopa administration reduces cortisol release in patients with Parkinson's disease"; *J Neural Transm*. 2007 Mar;114(3):347-50; <https://pubmed.ncbi.nlm.nih.gov/16932991>
19. Boden, G; Influence of levodopa on serum levels of anterior pituitary hormones in man; *Neuroendocrinology*. 1972;10(5):309-15;
20. Shukla, Kamla Kant et al.; *Mucuna pruriens* improves male fertility by its action on the hypothalamus-pituitary-gonadal axis; *Fertility and Sterility*, Volume 92, Issue 6, 1934-1940
21. Yamada T, et al. Effect of chronic L-dopa administration on serum luteinizing hormone levels in male rats. *Toxicology*. (1995)
22. Sanderson JT, Slobbe L, Lansbergen GW, Safe S, van den Berg M. 2,3,7,8-Tetrachlorodibenzo-p-dioxin and diindolylmethanes differentially induce cytochrome P450 1A1, 1B1, and 19 in H295R human adrenocortical carcinoma cells. *Toxicol Sci*. 2001;61(1):40-48.
23. Jellinck PH, Forkert PG, Riddick DS, Okey AB, Michnovicz JJ, Bradlow HL. Ah receptor binding properties of indole carbinols and induction of hepatic estradiol hydroxylation. *Biochem Pharmacol*. 1993;45(5):1129-1136.
24. Bradlow HL, Telang NT, Sepkovic DW, Osborne MP. 2-hydroxyestrone: the "good" estrogen. *J Endocrinol*. 1996;150 Suppl:S259-65.
25. Naggii, M., & Samman, S. (1997). The effect of boron on plasma testosterone and plasma lipids in rats. *Nutrition Research*, 17(3): 523 – 531.
26. Naghii, M. et al. (2011). Comparative effects of daily and weekly boron supplementation on plasma steroid hormones and proinflammatory cytokines. *Journal of trace elements in medicine and biology*, 25(1): 54-58.