



NanoZeolite MD™

MD Prescriptives™ NanoZeolite MD™ is made from a water suspension of natural food-grade zeolite which is sourced from uncontaminated clinoptilolite clay. More specifically, the primary bioactive ingredient found in NanoZeolite MD™ is composed of a silicate mineral complex featuring particle sizes with superior absorption high-surface energy over common food-grade zeolite products. The particle size range spans the upper nanometer to lower micrometer size ranges, which 'defines' the absorption powers (sorption capacity or biosorption performance) of the "micronized" zeolite particles as 'highly bioactive'.^{1,2} These highly bioactive micronized zeolite particles efficiently promote removal of noxious body loads containing harmful chemicals (i.e., xenobiotic elimination), heavy metals (i.e., chelation), radionuclides (i.e., decorporation), offensive microbial secretions (i.e., exoprotein elimination), and even undesirable microbes (i.e., microbiota purification).^{3,4*}

Safety and Efficacy

Zeolite is listed under the FDA's G.R.A.S. list.⁵ Zeolite possesses powerful cation-exchange physics, making it ideal to grab onto (i.e., chelate) noxious cations.⁶ It has long been safely used as a feed additive for livestock to boost their health when confronting select health challenges.⁷ It is important that the clinoptilolite raw source material is tested for heavy metal contaminants prior to being manufactured into a nutraceutical product intended to induce chelation and decorporation in your patients.^{8*}

Promotes Detoxification

At the end of this discussion, we present two compelling unpublished clinical results conducted at a certified laboratory illustrating the amazing ability of the primary ingredient in NanoZeolite MD™ to induce highly cost-effective chelation and decorporation in your patients. You will see how this primary ingredient mobilizes deeply entrenched radionuclides and heavy metal stores when administered in the proper dosages.

What we do know from decades of remediation-related and livestock-related studies, is that food-grade zeolite offers great promise when used as a food supplement. Beyond 'food-grade' zeolite, highly bioactive micronized zeolite studies are just now emerging. Collectively these studies indicate that the primary ingredient in NanoZeolite MD™ may be safely used to help eliminate from your patients the following list of heavy metals:^{*}

- Mercury,^{9,10,11,12}
- Arsenic,^{13,14}
- Lead (Pb),^{15,16}
- Chromium (the toxic form - CrVI),¹⁷
- Cadmium (Cd),^{18,19,20,21}

- Nickel (Ni),²² as well as
- Radionuclides (radioactive heavy metals).^{23,24,25}

Indications:^{*}

- Neurological disorders^{26,27,28}
- History of smoking²⁹
- History of regular alcohol consumption³⁰
- Metal dental fillings
- Exposure to heavy metals
- High fish ingestion
- Intestinal disorders, especially dysbiosis and diarrhea
- Antimicrobial resistance^{31,32}
- Microbial secretion detoxification
- Immunological associated inflammatory states
- Supports a Healthy Microbiota

A large body of peer-reviewed evidence indicates the primary ingredient in NanoZeolite MD™ beneficially modulates the intestinal microbiota in at least three key ways.^{33,34} First, the primary ingredient in NanoZeolite MD™ is known to promote the clearance of undesirable bacteria and viruses, plus effectively suppress proliferation of non-beneficial microbes such as Clostridia, E. coli, Klebsiella, Enterobacter, Salmonella and Proteobacteria. Secondly, the primary ingredient in NanoZeolite MD™ has been shown to promote the health imbuing rapid growth of two key beneficial probiotic genus, both Lactobacillus spp., as well as Bifidobacterium spp.^{35,36,37,38,39,40} And thirdly, the primary ingredient in NanoZeolite MD™ promotes pancreatic enzyme activity, while helping to eliminate intestinal toxemia, thereby favorably modulating the entire intestinal milieu.^{41,42*}

Supports Normal Cellular Growth

Natural food-grade zeolite is known to promote healthy modulation of receptor sites and genes associated with unhealthy cell growth. Natural food-grade zeolite accomplishes this while simultaneously reducing lipid peroxidation. The significance of this combined feat is that it promotes overall improvement in the health status and longevity in murines suffering from unhealthy cell growth.^{43,44,45,46*}

With the emergence of highly bioactive micronized zeolite, NanoZeolite MD™ may now become one of the most promising healthy cell growth modulators available to the clinical practice.*

Supports Healthy Immune System Functions

Many immune disorders center around excessive inflammation processes. As revealed in avian studies, one highly useful use of natural food-grade zeolite supplementation is its ability to help neutralize undesirable pro-inflammatory radicals and noxious microbe secretions such as mycotoxins, LPS and aflatoxin.^{47,48,49,50} Interestingly, natural food-grade zeolite is an excellent chelator and eliminator of pro-inflammatory histamine.⁵¹ But beyond these lesser potent food-grade zeolite products, dietary supplementation with highly bioactive micronized zeolite offers the promise of an unexcelled means to: (A) improve and enhance several key immune functions, while (B) beneficially modulating inflammatory pathways.⁵² Specifically, the primary ingredient in NanoZeolite MD™ is known to: (1) increase the numbers of foci-regional macrophages and (2) promote their defensive respiratory burst capability in murines.^{53,54*}

Promotes Antioxidant Functions

Zeolite's superior antioxidant properties and beneficial influence on RedOx homeostasis are well-known. For example, zeolite significantly decreases ROS production and suppresses Nitric Oxide Synthase (NOS) while significantly increasing the bioactivity of glutathione peroxidase, catalase, S.O.D. and total antioxidant capacity.^{55,56*} Interestingly, one study suggests that to obtain best results, it may be wise to only administer highly bioactive micronized zeolite by itself, that is, not in direct combination with other anti-oxidants.⁵⁷

Zeolite Challenge Test (To Provoke Decorporation as well as Deep Tissue Chelation) - Two Case Outcomes*

A 37-year old male submitted a baseline urine specimen on June 09th, 2016 to screen for heavy metals. Testing for a complete spectrum of heavy metals was undertaken by Access Medical Labs in Jupiter, FL. The lab determined there were only two heavy metals that were elevated out of twenty-one heavy metals tested. The results were as follows:

- 3.95ug/g Niobium (Normal Range 0-0.5ug/g)
- 0.5ug/g Thorium (Normal Range 0-0.1ug/g)

Post-Testing - On June 13th, 2016, after taking the primary ingredient of NanoZeolite MD™ at ten drops twice daily sublingual for 5 days, he again provided a urine sample for analysis to Access Medical Labs. Surprisingly, his heavy metal urine load (both in quantity as well as in spectrum of heavy metals detected) jumped significantly as excretion ensued (illustrating efficacious Mercury chelation as well as decorporation of Thorium) to the following values:

- 12.56ug/g Bismuth (Normal Range 0-10ug/g)
- 12.23ug/g Mercury (Normal Range 0-10ug/g)
- 8.11 ug/g Niobium (Normal Range 0-0.5ug/g)
- 4721ug/g Rubidium (Normal Range 0-4000ug/g)
- 1.3ug/g Thorium (Normal 0-0.1ug/g)
- 1.4ug/g Tungsten (Normal Range 0-1ug/g)

A 57-year old male provided a urine sample on December 27, 2016 to Access Medical Labs. Out of Twenty-one heavy metals tested, none were shown to be above normal range. For example, at that time Mercury tested in the normal range at 3.02ug/g. After seven days of consuming the primary ingredient found in NanoZeolite MD™ at 10 drops twice daily, the following heavy metal was detected out of twenty-one tested:

- 22.71ug/g Mercury (Normal Range 0-10ug/g)

In conclusion, the primary ingredient in NanoZeolite MD™ has been shown to promote heavy metal decorporation even when baseline urine samples detect no heavy metals present. At 10 drops taken sublingually twice daily for 5 to 7 days, the zeolite challenge test may unlock stores of heavy metals from their deep tissue resting places for urinary excretion.*

It may take up to 30 to 60 days at the dose of 10 drops twice daily to complete the decorporation process, depending upon the deep tissue saturation loads. However, prolonged supplementation with micronized zeolite is to be discouraged due to its eventual tendency to remove desirable macrominerals from the body.^{58,59*}

Daily dosages may be adjusted up or down to adjust to tolerance and vary the speed of elimination.*

Generally, 30 consecutive days of taking NanoZeolite MD™ sublingually is sufficient to maximize its healthful benefits. But repeated urinary screenings for heavy metals will typically confirm the length of treatment required.*

Suggested Use: Recommended for adults. Take 10 drops orally, twice daily (morning and night), or as directed by your health practitioner.

*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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