

Drug-Nutrient Interactions



**#1 MOST
RECOMMENDED**

professional supplement
brand by healthcare
professionals¹

Support essential
nutrients in the body.[‡]

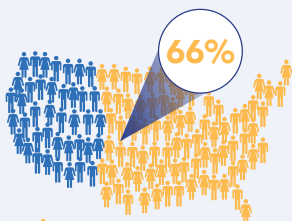
pure
encapsulations[®]

1. Among U.S. healthcare professionals surveyed who recommend specific professional supplement brands, Nutrition Business Journal® Practitioner Survey 2016, 2020, 2023.

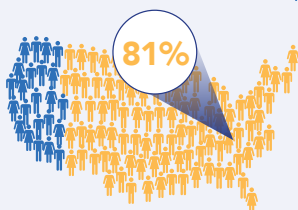


Did you know that common medications have the potential to deplete critical nutrients in the body?

Around **66%** of U.S. adults take prescription drugs²



66%



81%

81% of adults use OTC medicines³

Nearly 4 in 5 consume dietary supplements⁴



Nutrient Depletion

Drug-induced nutrient depletions occur when a prescription or over-the-counter medication reduces the body's ability to absorb, process, store or use a nutrient.



Nutrient Interaction

Drug-nutrient interactions occur when a nutrient, herb or other ingredient in a dietary supplement changes the way the body absorbs, processes or responds to a prescription or over-the-counter medication.



2. Health Policy Institute, 2021

3. Source: www.chpa.org/about-consumer-healthcare/research-data/otc-sales-statistics

4. CRN survey, 2019



Drug-Nutrient Interaction Checker

Enter the name of an over-the-counter or prescription medication to instantly receive information on potential interactions or depletions between the medication and vitamins, minerals, herbs and other active ingredients in dietary supplements.

Our Drug-Nutrient Interaction Checker:

- Is easy to understand and kept up to date
- Provides insights on whether to avoid, monitor or consult with a healthcare practitioner
- Has scientifically supported, clinically relevant information
- Includes a patient-friendly description of each interaction
- Includes high-quality product suggestions based on verifiable science



Start
supporting
your patients
today!

Unlike other drug-nutrient interaction checkers, we provide a unique experience by **reducing noise** and **delivering clinically relevant interactions** that can:



HAPPEN IN REAL LIFE.

Most interactions are hypothetical. Many are studied in vitro (in a test tube or cell culture) without validation in human studies. We take a rigorous, clinical evidence-focused approach to deliver those interactions that could happen in realistic clinical situations.



OCCUR AT TYPICAL DOSES.

All interactions are dose-dependent. Many indicated interactions are based on unrealistically high doses or would require intravenous administration of a dietary supplement to occur. Our tool excludes these irrelevant situations, delivering alerts that pertain to doses commonly used in dietary supplements.



AFFECT THE BODY IN A SIGNIFICANT WAY.

Many interactions have insignificant effects on the body that are not cause for concern. We alert you to meaningful interactions that may have an impact on drug efficacy, safety, risks and key clinical parameters.

The following types of data are **preferentially analyzed to bring you clinically relevant alerts without the burden of hypothetical noise:**

- **Clinical trials on drug-nutrient combinations.**
These studies are the “gold standard” for confirming clinically relevant interactions, but only a small number have been performed to date. We rely on these whenever possible.
- **Clinical trials on the ingredient or nutrient** showing redundant or antagonistic effects relative to known drugs may suggest potential theoretical interactions.
- **Human pharmacokinetic data** are often the “missing link” when only in vitro data are available. These interactions may be clinically relevant if sufficient blood concentrations can be achieved. By comparing blood levels with the amount required to interact with a drug target, we can exclude clinically irrelevant interactions.*
- **Published case reports** are considered when an interaction is detected as a probable cause of an adverse event.



Start using our **Drug-Nutrient Interaction Checker** today!

At Pure Encapsulations®, we've spent over 30 years researching, innovating and developing our comprehensive line of premium supplements. All of our products are **backed by science**, formulated using **pure ingredients** and **FREE FROM** unnecessary additives and many common allergens.



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*This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.