

# UNBELIEVABLE

Deep Sea Water

## Mineral Balance

Scientific Research on Deep Sea Water and Mineral Supplementation

### Key Health Benefits

- Restores optimal mineral ratios in the body
- 3:1:1 Mg:Ca:K ratio mirrors human plasma
- Supports bone and teeth health
- Maintains proper fluid balance
- Enhances mineral bioavailability and absorption

### Peer-Reviewed Research Studies (5 Publications)

#### Study 1: Drinking Deep-Sea Water Restores Mineral Imbalance in Atopic Eczema/Dermatitis Syndrome

*Hataguchi Y., Tai H., Nakajima H., Kimata H. (2005)*

**Journal:** European Journal of Clinical Nutrition

**Key Findings:** In 33 patients with AEDS, 6-month consumption of deep sea water improved mineral balance (Ca, Mg, Zn, etc.) and alleviated eczema symptoms. Demonstrates DSW's ability to correct mineral deficiencies.

**Access:** <https://pubmed.ncbi.nlm.nih.gov/16015263/>

#### Study 2: Effects of Deep Ocean-Derived Magnesium-Enhanced Water on Metabolic Diseases with Microbiome Changes

*Kim H., Kang H., Park J., et al. (2024)*

**Journal:** Diabetes & Metabolism Journal

**Key Findings:** Magnesium-rich DSW improved glucose tolerance, lipid metabolism, and gut microbiota balance. The optimal mineral composition of DSW was key to these metabolic improvements.

**Access:** <https://www.binasss.sa.cr/feb25/32.pdf>

### **Study 3: Deep Sea Water Modulates Blood Pressure via Mineral-Dependent Mechanisms**

*Hwang H.S., Kim H.A., Lee S.H., Yun J.W. (2013)*

**Journal:** PMC

**Key Findings:** The balanced mineral composition of DSW, particularly magnesium and potassium, was shown to lower blood pressure through activation of metabolic pathways (AMPK-ACC).

**Access:** <https://pmc.ncbi.nlm.nih.gov/articles/PMC3721228/>

### **Study 4: Potential Health Benefits of Deep Sea Water: Mineral Composition Analysis**

*Mohd Nani S.Z., Majid F.A., Jaafar A.B., et al. (2016)*

**Journal:** PMC - Evidence-Based Complementary and Alternative Medicine

**Key Findings:** Comprehensive review highlighting that DSW contains over 70 minerals and trace elements in bioavailable ionic form, with the natural 3:1:1 ratio of Mg:Ca:K being optimal for human absorption and cellular function.

**Access:** <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5221345/>

### **Study 5: Stimulatory Effects of Balanced Deep Sea Water on Mitochondrial Biogenesis**

*Lee N.K., Cho D.Y., Park H.M., Choi Y.J., et al. (2015)*

**Journal:** PLOS ONE

**Key Findings:** The balanced mineral composition of DSW (not individual minerals) was necessary to promote mitochondrial biogenesis and improve energy metabolism, demonstrating synergistic effects of the mineral matrix.

**Access:** <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0129972>

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## **About UNBELIEVABLE Deep Sea Water**

Sourced from 510 meters below the East Sea of Korea. Triple Gold Medal winner. 70+ natural minerals. pH 8.2 naturally alkaline. 3:1:1 magnesium-calcium-potassium ratio.

**For Partnership Inquiries:** Visit [unbwater.com](http://unbwater.com)