



**海纳百川，旷世济物；**

Be generous, be kind, embrace all lives of the earth

**大安海矿，带安而来！**

D.A. Marine Minerals, bring you peace and ease

大安离子海洋矿物质 事业概论、合作与发展

An introduction to Da An Science and Technology Group and her ionic marine minerals

# 无

## What is the best way to start?

The inspiration from the book of Yi  
- an ancient oriental philosophy



A merciful man has no enemies,  
such a man will make the best start.



仁者無敵

# • 核心和总论 The Preface



- 有没有这样一种产品，一份事业，帮助大地土壤恢复健康？帮助一切植物、动物、人体恢复健康？帮助地球上一切生命恢复健康？并且可以延展、嫁接一切与生命现象有关联的百种事业和万千行业？
- Help all lives of the earth back to health, and can support and integrate all industries related to life and health
- 如此广大的体量，效力无极，却兼具一切亲和力：一切愿意利益自他的个人和事业均可参与其中，共同发展。
- Infinite efficacy but with all affinity: embracing and welcoming individuals and businesses who are willing to help him or herself or others



MarineMineral

大安海矿

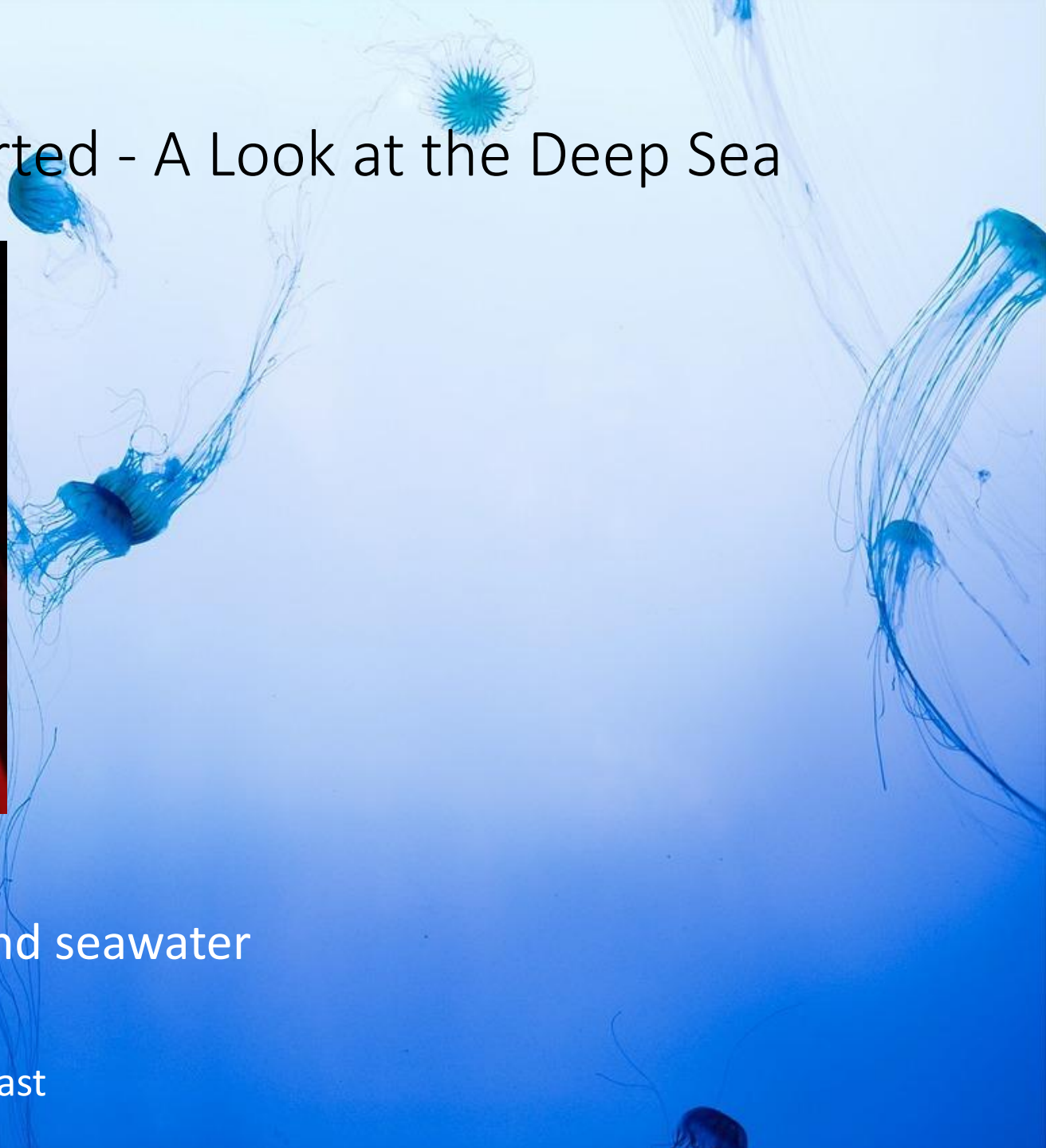
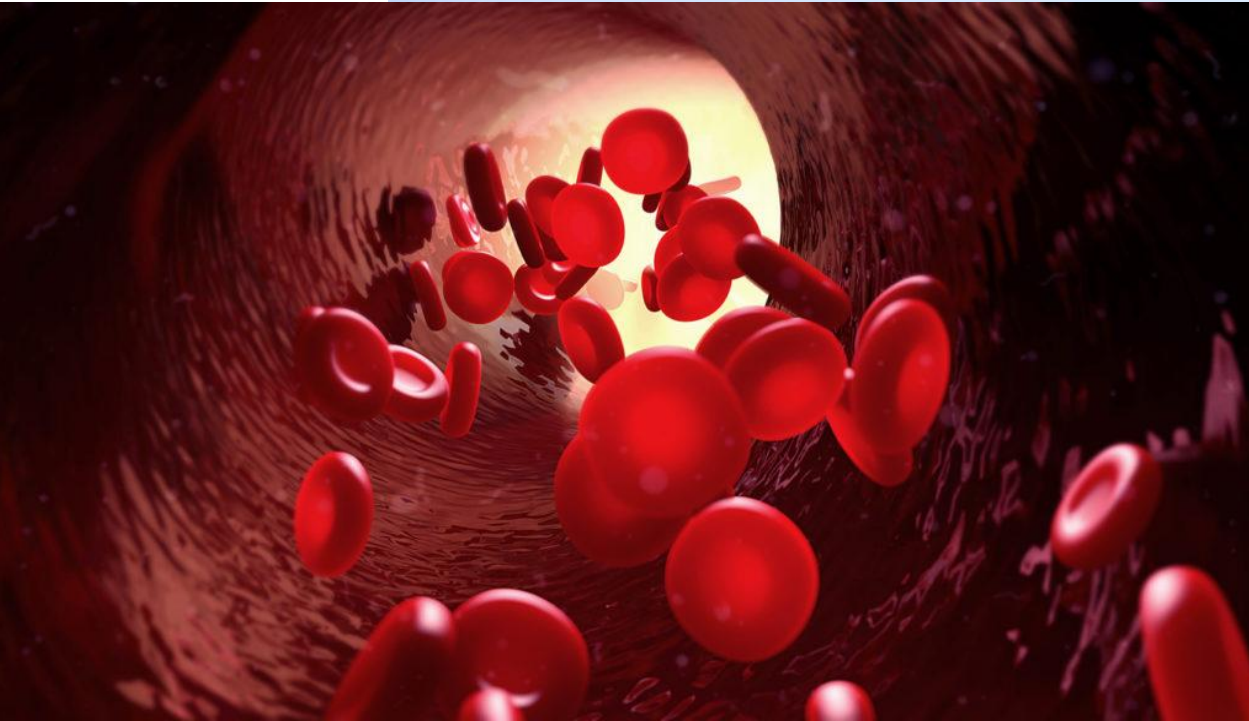
大安就是答案； Here is the answer.

DA AN SCIENCE AND TECHNOLOGY GROUP CORPORATION LIMITED



# 缘起 - 深海之寻

# Getting Started - A Look at the Deep Sea



- 血液与海水的反思

A reflection on human **blood** and seawater

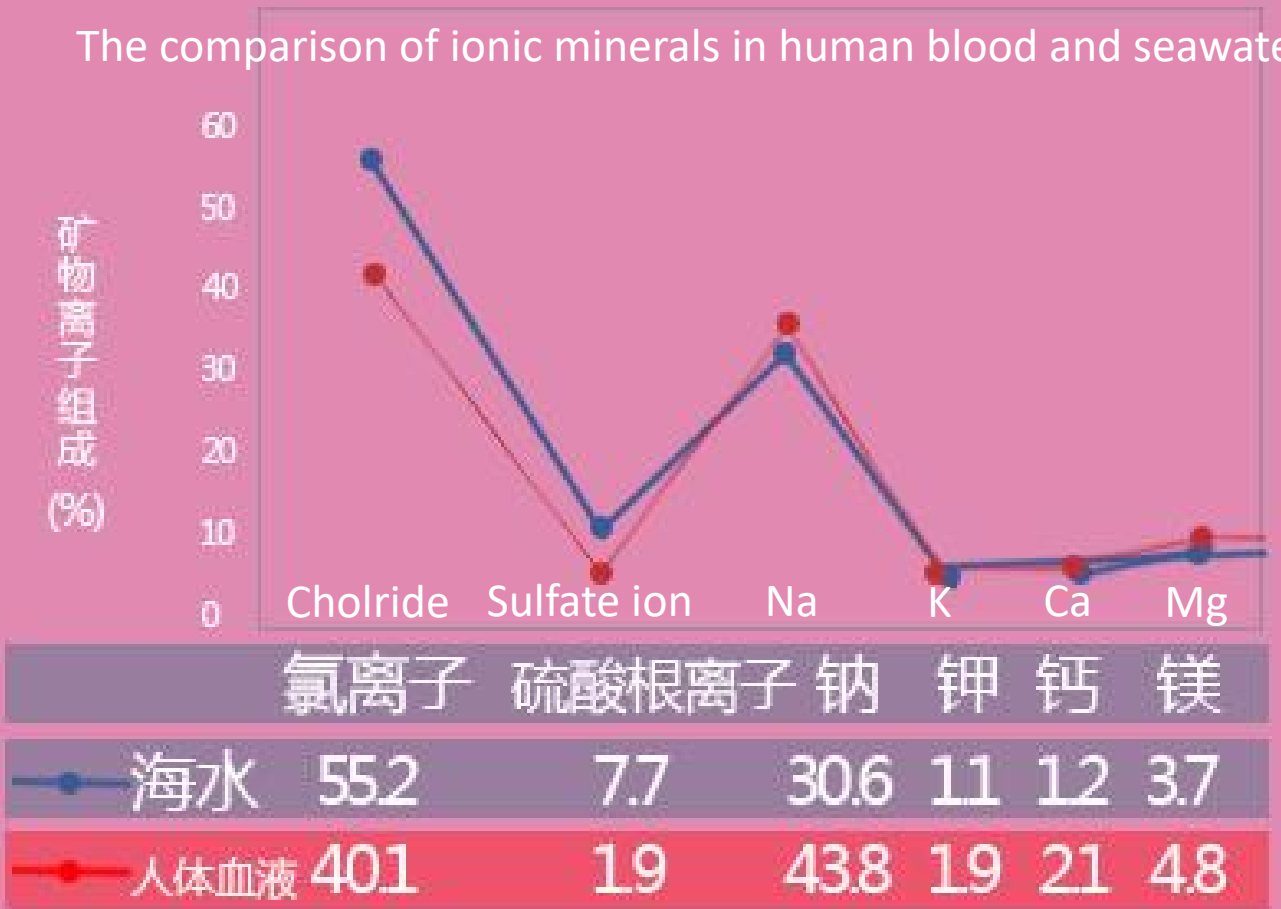
- 基于当下，追溯过往

A reminder to look back to the past



## 人体血液与海水矿物质离子组比较图

The comparison of ionic minerals in human blood and seawater



- Newton科学世界杂志 2005.10 Newton Graphic Science - Oct. 2005
- 《奇特的水孕育出大千世界——生命选择了水》 Why life chose water

# 深海之寻 A search into the deep sea

- 生命起源于海洋
- Life was originated from the ocean.
- 生命传承于海洋
- Life was inherited and developed in the ocean.



# 深海之寻 The search into the deep sea

38亿年的“忠诚”

A loyalty over 3.8 billion years



Unicellular  
marine  
organisms

-- 远古地质年代的“天造地设”

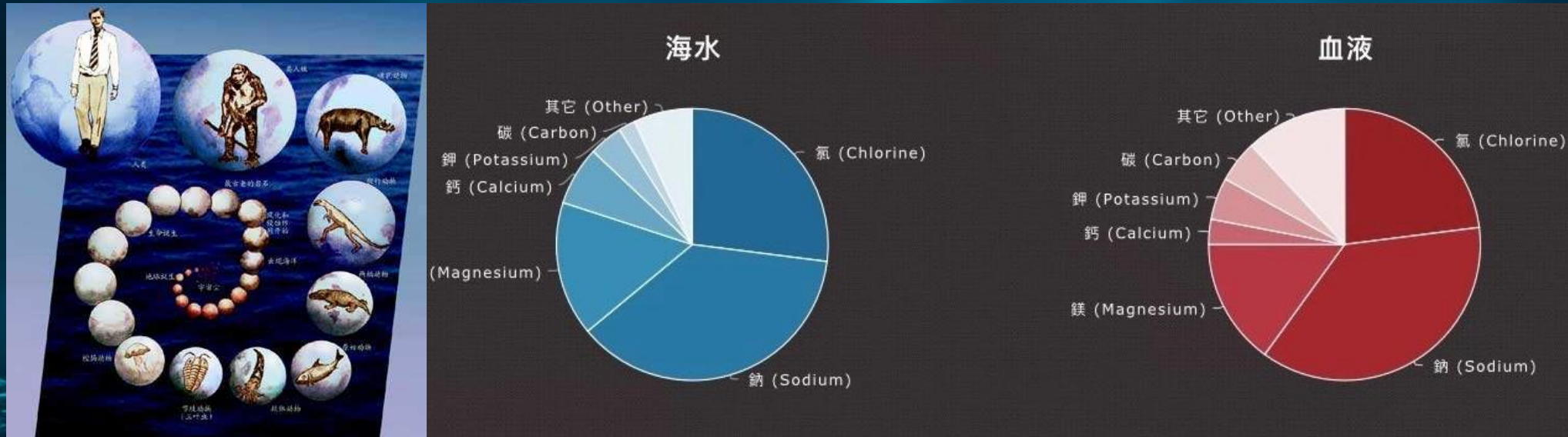
-- The natural giving in ancient geological times





# 深海之寻 The search into the deep sea

- 深藏于大海的生命密码 The code of life hidden in the sea
- 万变不离其宗，生生不息 Infinite changes are inseparable from its origin.



• Rachel L. Carson在《The Sea Around Us》中写道“我们的生命起源于母亲子宫内的迷你海洋” -- Life itself began in the sea, so each of us begins his individual life in a miniature ocean within his mother's womb.

# 深海之寻 The search into the deep sea

- 代代传承的勃勃生机：
- 深蕴大海的、人类已知和未知的各种天然矿物质营养元素，就是海洋母亲赐予地球生命的最初乳血，是支持一切生命延续、发展，以及维持健康的原始密码！

**Vitality passed from generation to generation:**

All kinds of natural mineral nutrients contained in the deep ocean, whether known or unknown to human beings, are the original milk and blood of the mother sea that gave birth to life on earth, and the original and fundamental code to support the continuation, development, and maintenance of the health of all life!



# 生命体缺乏矿物质会怎样？

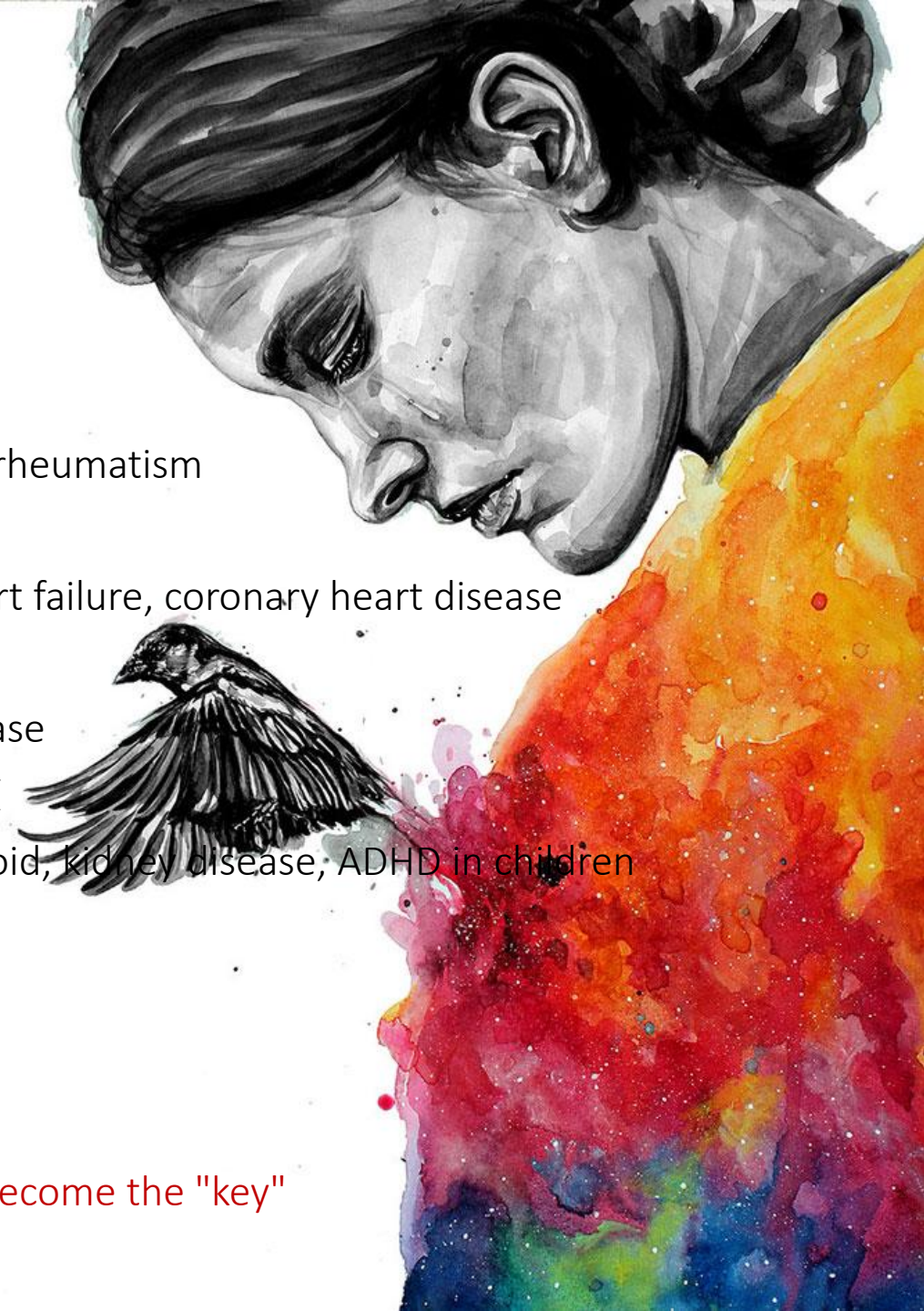
## So what if life gets lack of minerals ?

- **人类** For Human beings:

- 缺钙：骨质疏松、神经衰弱、肺炎、气管炎、风湿病
- Calcium deficiency: osteoporosis, neurasthenia, pneumonia, bronchitis, rheumatism
- 缺镁：心脏病、心绞痛、心肌梗塞、心衰、冠心病
- Magnesium deficiency: heart disease, angina, myocardial infarction, heart failure, coronary heart disease
- 缺铁：肺癌、肝癌、白血病、脑血管疾病
- Iron deficiency: lung cancer, liver cancer, leukemia, cerebrovascular disease
- 缺锌：糖尿病、更年期综合症、风湿、类风湿、肾病、儿童多动症
- Zinc deficiency: diabetes, menopausal syndrome, rheumatism, rheumatoid, kidney disease, ADHD in children
- 诸杂等等，种种亚健康，种种疾病缠身。
- and so on, all kinds of sub-health and diseases.

- **动物和人类的健康事业，依赖于植物，植物界成了“关键”**

- The health of animals and humans depends on plants, and plants have become the "key"



过去 VS 当下

植物 现状:

The Status Quo of Plants

我们的粮米蔬果

- Our grains, vegetables and fruits

上世纪30年代之前 此后的近百年

- Before the 1930s and nearly a hundred years after that

# 现代机械化农业耕作

## Modern mechanized farming

- 迅速掏空了土壤中的矿物质存量

- Rapidly depleted the mineral reserves in the soil



# 土壤自身恢复矿物质存量的机制

The natural mechanisms by which soils restore their own mineral stocks

- 非常缓慢 Very slow

- 土壤中的有益微生物群落，啃食土壤中的岩粉，通过消化系统，排出离子态，超小粒径的活性矿物质元素

- Beneficial microbial communities in the soil feed on the rock powder in the soil, and through their digestive system, further expel the ionic, ultra-small particle sized active mineral elements into the soils.



- 化肥的引入和失衡的钙镁平衡
- 病虫害和有毒的农药
- 杀死了害虫，也杀死了土壤矿物质再循环工厂的工人 - 有益微生物也一并被杀死。
- Fertilizer and the disturbed balance between calcium and magnesium
- Pests and Toxic Pesticides
- Pests are killed, as well as “workers” - the beneficial microbes recycling and producing mineral in the soils.



# 悲惨世界 -- “Les Miserables”

- 库存掏空，生产停滞，大地的营养已经空洞
- Deficient inventories, stagnant production, and the emptied nutrition of the soils
- 继而，植物的营养空洞
- Then, the emptied nutrition of plants

- 靠化肥、杀虫剂、膨大剂、增色素吹塑的，空有其表的植物，失去了内里的营养，也就丧失了外在的口感；所谓记忆中童年的味道。
- 进一步，毒素残留，带给人和动物
- Construct plants on chemical fertilizers, pesticides, bulking agents, and pigments
- Pretty outside but empty nutrition inside
- Leads to the loss of flavour, the so-called taste of childhood
- Further, toxic residues brought to humans and animals

- 最终，人类和动物都失去了营养与健康
- Eventually, human beings and animals lost nutrition and health.





- 更加悲惨的动物世界
- More miserable animal world

- 同样缺乏矿物质营养
- 圈养动物的有过之而无不及
- 抗生素、激素
- 身体充满毒素

- Equally lack of mineral nutrients
- Captive animals are even worse
  - antibiotics, hormones
  - full of toxins

- 一个不是互爱、互利，  
而是互害、互碍的负能量世界！
  - No love, no support
  - but a world full of dark energy



# 解决问题的精英方案 - 深海之寻

## The Elite Solution - Find it in the sea

- 重新回望海洋，从大海 -- 一切地球生命的母体里去寻回失落的生命原始密码 -- 找回海水里丰富的天然矿物质营养

- 海精灵

- Looking back at the ocean -- The mother of all life on earth, to find again the lost original code of life : the abundant natural marine mineral nutrients

- Sea Elf

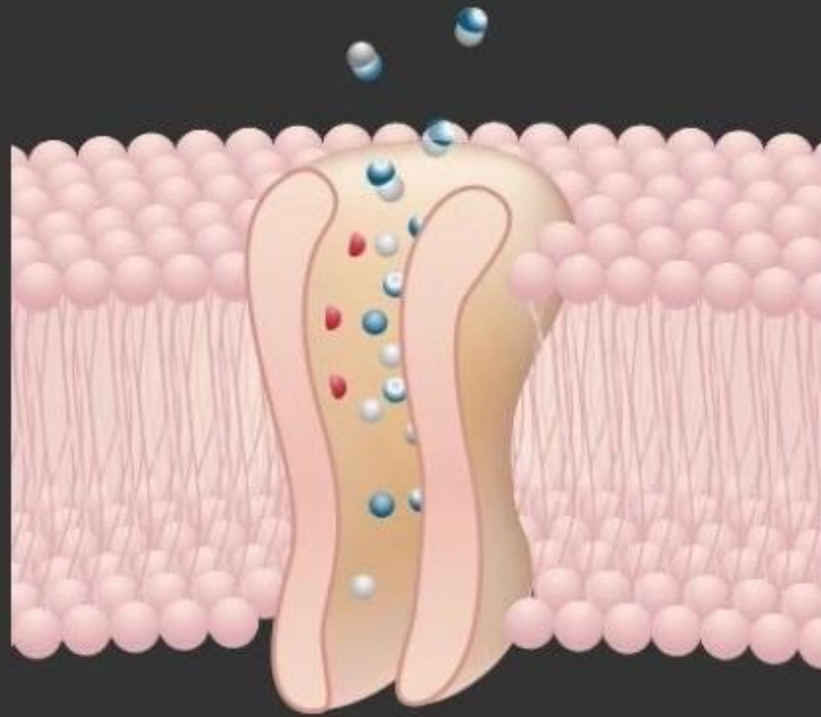
# 为什么又被称为“海精灵”？ Why call it “Sea Elf”?

- 撩起天然海矿的一角面纱
- To lift the veil of natural marine minerals



- 神秘性：人类科学的有限认知
- **Mystery: The limited cognition of human science**
- 古灵精怪性 - 极小却活泼 \* **Quirky - Tiny but Lively**
  - 纯天然=超小粒径+赋能离子态 =迅速穿越一切生命细胞屏障
  - Pure natural = ultra-small particle size + energized ionic state = quickly cross all life cell barriers

# 細胞離子通道與礦物質吸收對人體的影響



細胞膜 鉀離子 離子過濾器 離子通道

為細胞結構中分隔細胞內、外不同介質和組成成份的界面

## The ion channels on cell membranes:

- Filter and allow specific ions to pass through in huge quantities of tens of thousands per second, absorbing nutrients instantly rather than slowly through the traditionally understood digestive system.

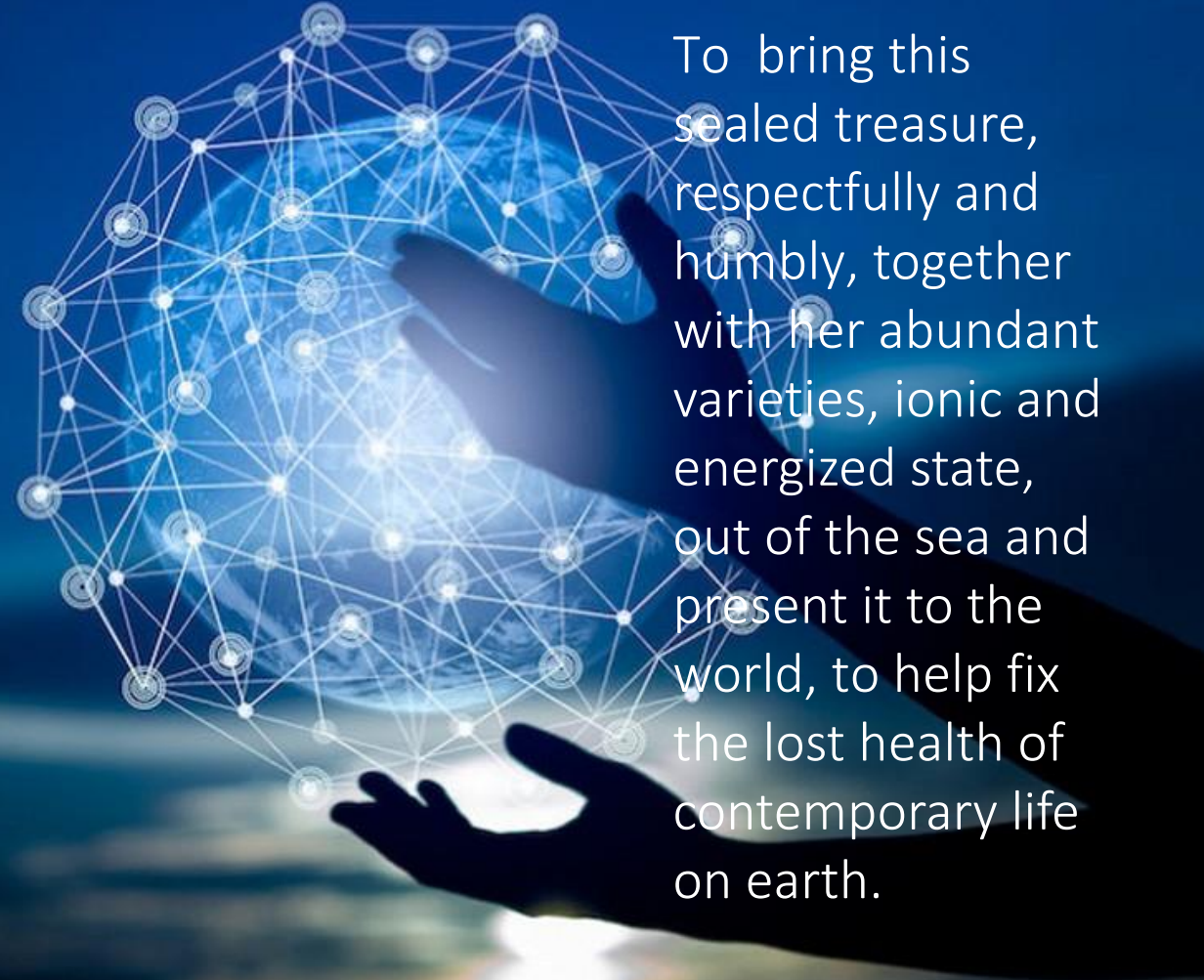
科學家在近年來對於細胞膜上的水離子通道與人體吸收外界養分有多項突破性的認知。在細胞中有一種專司離子進入的通道，能過濾及允許特定的離子以每秒成千上萬的數量，迅速通過細胞膜而並非經過傳統認知的消化系統緩慢吸收外界養分。透過此原理對離子態礦物質的結合，是打從人體的黏膜系統在第一時間的接觸後以千萬分之一秒全面迅速吸收。

- 
- 茫茫大海，体量无极
  - The infinite ocean

- 天然营养大宝库，可谓取之不竭，用之不尽。
- An inexhaustible treasure house of natural nutrition

# 大安人在做什么？ What do we do?

- 大安人的工作和使命，就是极其恭敬、谦卑地将这海底的瑰宝，连同将她的种类丰饶、她的离子态、赋能态、小粒径，原封不动地请出大海，呈现给人间；来改变和修复当代地球生命共同失落的健康事业。



To bring this sealed treasure, respectfully and humbly, together with her abundant varieties, ionic and energized state, out of the sea and present it to the world, to help fix the lost health of contemporary life on earth.

# 大安人凭什么做得到? Why we can do?

- 科技团队，前赴后继的18年
- Continuous scientific research over 18 years
- 三件大事 Accomplished three big tasks:
  1. 物理凝萃技术，不加干涉，“精灵”呈现。
  2. 去除多余无益盐分的突破，这是“凝”的前提
  3. 东太平洋高纬度的纯净海域

## West Coast of Canada

1. Physical condensation technology, without interference.
2. Removing excess unhelpful salt
3. The pure waters of the high latitudes of the eastern Pacific Ocean







# 大安海矿，帮助一切地球生命！

D.A. Marine Minerals, help all life on earth

- 纯天然、全无毒、绿色环保，全面造益：

- Pure natural, 100% non-toxic, environment friendly, comprehensively benefit:

- 人体和动物健康 Health of human being and all animals
- 回补土壤矿物质含量，改良农耕环境； Restore soil fertility
- 恢复土壤的矿物质营养自平衡机制； Rebuild the self-recovery mechanism of nutrients in soil
- 直接由农作物根、茎、叶、果高效吸收，迅速回补营养，拉升品质  
增加授粉，抵抗病虫害，大幅提高农业产量；同时植物更快成长，缩短收获周期；  
综合提高经济回报率；
- Help grow plants better in quality and quantity, improve economic return
- 环境、大地、植物健康，动物就健康，人体就健康。
- A positive recycle of health -- environment, soil, plants, animals and human beings





# 大安海矿 D.A. presenting



## NATURAL MARINE MINERAL SOIL NUTRITION MASTER

Gold Grade - Highly Concentrated



Marin Naturel Maître de Nut  
Qualité d'or supérieure - Très Concentré

Net Content / Contenu net : 4GAL / 15L

### Plant Nutrition Foods



### Animal Nutrition Foods

海矿源于健康  
健康忠于海矿



Natural Mineral Drops

每日一滴，  
健康就是这么简单！



KAREENA  
海矿逆龄葆华露

KAROLINE  
海矿淑龄精华蜜

KATHERINE  
海矿活肤焕颜水



High end cosmetics



### Natural Mineral Body Spray

# Quality Control and Product Certification



Canada Food Inspection Agency  
Health and Sciences Directorate  
Peterson Office Station  
Ottawa, Ontario K1A 0T5  
February 22, 2022

DA AN Science & Technology Group  
403 Bay Street  
Victoria, BC V8T 2H2

File #	Product Name	File Number	Registration Number
1	My Glow Minerals Concentrate	90369NR	2022723A
2	NATURAL MARINE MINERAL PLANT FOODS - Plantain Grade	90369NR	2022723A
3	NATURAL MARINE MINERAL PLANT FOODS - Ruby Grade	90369NR	2022723A
4	NATURAL MARINE MINERAL PLANT FOODS - Emerald Grade	90369NR	2022723A
5	NATURAL MARINE MINERAL PLANT FOODS - Citrus Grade	90369NR	2022723A

To whom it may concern,

We have completed our review of the above-mentioned products. Based on the information that the Canadian Food Inspection Agency (CFIA) has reviewed, we have determined that these products meet all requirements as outlined in the Federal Act and regulations and may be legally sold in Canada.

Therefore, the above products have been granted registration under the Pestfree Act until February 22, 2023. All labels associated with this product found in the marketplace must contain the registration number under advice.

Enclosed with this letter you will find a copy of the approved label. The signed registration form will be sent by regular mail. Please ensure that the actual product label found in the Canadian marketplace is the same as the enclosed label. Please be advised that the presence of the CFIA stamp on the final label is only as a symbol of approval and the reproduction or use of the CFIA stamp on labels in the marketplace is considered a violation of enforcement of laws in the marketplace. Please note that all products are required to bear a distinct number on the product code. As well, please ensure that all advertising claims regarding the benefits of this product are infixed to those identified on the approved label.

Effective October 26, 2020, the CFIA has updated the Pestfree Regulations to require red tape and provide more flexibility to industry while focusing on product safety and environmental protection. Please consult the CFIA's [Pestfree Act and Regulations](https://www.inspection.gc.ca/pestfree) before obtaining your registration in order to harmonize your label with the new regulations, provided for in the regulations after October 25, 2020 that are applied in compliance with the former regulations will be non-compliant and may be subject to enforcement action.

To continue to market this product in Canada beyond this date, this product will need to be amended under the modernized Pestfree Regulations.

Please note that all new regulations and/or policies are developed, the acceptability of this product under the Pestfree Act and regulations may change. It is the responsibility of the manufacturer/distributor/retailer to ensure the product and the label continue to meet the requirements for sale in Canada, as outlined in the Pestfree Act and regulations.

Canada 12

Government of Canada / Gouvernement du Canada  
Health Canada's Consumer and Hazardous Products Safety Directorate has received:

Product Name: **Cosmetic**  
DA MarineMineral, Natural Marine Mineral Massage Lotion 033803726

Health Canada's Consumer and Hazardous Products Safety Directorate has received:

Product Name: **Cosmetic**  
DA MARINE MINERAL, NATURAL MARINE MINERAL BODY SPRAY 033803838

Health Canada's Consumer and Hazardous Products Safety Directorate has received:

Product Name: **Cosmetic**  
DA MarineMineral, SEALFL, Kaniwa Nourishing and Moisturizing Essence 034045011

DA MarineMineral, SEALFL, Kaniwa Nourishing and Brightening Essence 034045013

DA MarineMineral, SEALFL, Kaniwa Deep Moisturizing and Nourishing Revitalizing and Brightening 034045026

Additional information can be found in the [Guide to Completing Cosmetic Notification Forms](https://www.healthcanada.ca/health-canada/health-canada-consumer-product-safety): [https://www.healthcanada.ca/health-canada/health-canada-consumer-product-safety/](https://www.healthcanada.ca/health-canada/health-canada-consumer-product-safety)

FDA U.S. FOOD & DRUG ADMINISTRATION  
Certificate Unique ID: AUND-RF2

**CERTIFICATE OF FREE SALE**  
Pursuant to the Provisions of Rule 44 of the Federal Rules of Civil Procedure, I hereby certify that the attached label (and product, if applicable) as described below, is a true copy of material on file in the Food and Drug Administration, Department of Health and Human Services and is a part of the official records of said Administration and Department.

Attestation Dated: **January 25, 2022**  
To Whom It May Concern  
Re: **SEA ELF NATURAL MARINE TRACE MINERAL DROPS (100 ML / BOTTLE)**  
DA AN Science & Technology Group Corp Limited, 22111 S Hacienda Blvd Ste 100A, Hacienda Heights, CA 91745

In witness whereof, I have pursuant to the provisions of Title 42, United States Code, Section 305b, and the authority delegated by the Commissioner of Food and Drugs, hereto set my hand and cause the seal of the Department of Health and Human Services to be affixed this 25th day of January, 2022.

Hajing Hu, Ph.D.  
Director, Regulatory Implementation Staff  
Office of Dietary Supplement Programs  
Center for Food Safety and Applied Nutrition  
By Director of the Secretary of Health and Human Services

THIS CERTIFICATE EXPIRES: January 25, 2024.

cdfa CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE

Analysis Report  
Job Number: VRC2-08221-001  
Received: 12-Feb-2022  
Completed: 12-Feb-2022

Element	Method	Result	Unit
Acetaminophen	AFWA 5049-0102 (27-49)	12	ppm
Aspirin	AFWA 5049-0102 (27-49)	0.00	ppm
Benzoic Acid	AFWA 5049-0102 (27-49)	1.00	ppm
Benzoin	AFWA 5049-0102 (27-49)	0.00	ppm
Bismuth	AFWA 5049-0102 (27-49)	0.00	ppm
Calcium	AFWA 5049-0102 (27-49)	41	ppm
Caffeine	AFWA 5049-0102 (27-49)	0.00	ppm
Chlorophyll	AFWA 5049-0102 (27-49)	-1.0	ppm
Citric Acid	AFWA 5049-0102 (27-49)	10.0	ppm
Citronellol	AFWA 5049-0102 (27-49)	0.00	ppm
Citronellal	AFWA 5049-0102 (27-49)	0.00	ppm
Citral	AFWA 5049-0102 (27-49)	0.00	ppm
Diethylhexyl Sulfate	AFWA 5049-0102 (27-49)	0.00	ppm
Diethylstilbestrol	AFWA 5049-0102 (27-49)	0.00	ppm
Diphenhydramine	AFWA 5049-0102 (27-49)	0.00	ppm
Hydroquinone	AFWA 5049-0102 (27-49)	0.00	ppm
Lead	AFWA 5049-0102 (27-49)	0.00	ppm
Mercury	AFWA 5049-0102 (27-49)	0.00	ppm
Niacinamide	AFWA 5049-0102 (27-49)	0.00	ppm
Salicylic Acid	AFWA 5049-0102 (27-49)	0.00	ppm
Sodium	AFWA 5049-0102 (27-49)	21.0	ppm
Sulfur	AFWA 5049-0102 (27-49)	0.00	ppm
Tin	AFWA 5049-0102 (27-49)	0.00	ppm
Zinc	AFWA 5049-0102 (27-49)	0.00	ppm

SGS Analysis Report  
Job Number: VRC2-08221-001  
Received: 12-Feb-2022  
Completed: 12-Feb-2022

Client: Da An Science & Tech Group Co. Ltd  
Sample ID: S061-0102

Client No: 5154  
Da An Science & Tech. Group Co. Ltd  
2600 Shell Road  
Richmond, BC, CA, V6X 0V8

Contact for these data is Ivona Zysk.

element  
Support Transmission Cover Page  
Project ID: 1407736  
Date Received: Feb 15, 2022  
Date Reported: Feb 15, 2022  
Project Code: 1407736

Category	Company	Address
Client	Da An Science & Tech Group Co. Ltd	2600 Shell Road, Richmond, BC, Canada
Manufacturer	Da An Science & Tech Group Co. Ltd	2600 Shell Road, Richmond, BC, Canada

MA 171120110467  
CIRS C&K  
检测报告  
CN2011535  
产品名称: DA 表皮修护精华  
送检单位: 苏州科测检测技术有限公司  
杭州科测检测技术有限公司

Intertek  
TOTAL OCEAN ASSAY  
检测报告  
CN2011535  
产品名称: DA 表皮修护精华  
送检单位: 苏州科测检测技术有限公司  
杭州科测检测技术有限公司

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杭州科测检测技术有限公司

Intertek  
TOTAL OCEAN ASSAY  
检测报告  
CN2011535  
产品名称: DA 表皮修护精华  
送检单位: 苏州科测检测技术有限公司  
杭州科测检测技术有限公司

# 大安海矿，“延展”您的事业！

D.A. Marine Mineral,  
expanding your  
business,



# 大安海矿，“点睛”您的事业！ and “peaking” your business!

- 独树一帜的标杆和旗舰
- Helping you become the industry leader
- 一切与生命健康品质有关的行业
- All industries related to life and health
  - 食品行业 Food industry
  - 保健品行业 Health care industry
  - 高端饮用水行业 High-end drinking water
  - 运动饮料行业 Sports drinks
  - 日用护肤、洗漱 Skin care  
及化妆品行业 and cosmetics
- 其他 Others





# 大安海矿：全球格局，助力您的发展！

DA AN SCIENCE AND TECHNOLOGY GROUP CO.,LTD.

Headquarters - Center of R&D, Manufacturing and Global Business

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<https://ionicmarineminerals.com/>



PACIFIC MARINE MINERAL DEVELOPMENT INTERNATIONAL INC.

MARINE MINERALS INVESTMENTS INC.(Hong Kong)

HAI KUANG (SHANGHAI) TECHNOLOGY CO., LTD.(China Head Office)

& AUTHORIZED REGIONAL DISTRIBUTORS



# 大安海矿，独享五大战略优势：

D.A. Marine Minerals

- Five exclusive strategic advantages:

梳理和小结

SUMMARY

1. 严苛标准的纯净海域资源，这是原料来源的不可替代性

• The irreplaceability of raw material sources

1. “凝萃+除盐”不可替代的高科技，这是技术门槛的不可逾越性

• The insurmountability of technical thresholds

3. 产品凝缩了百味天然矿物质营养，以一顶百的天地百养精华性

• Unparalleled super condensed nutrient essence

4. 能量离子态、以及超微小粒径所赋予的对一切生命体细胞的无障穿越性和100%高效吸收性：一丝一毫，点滴完全不浪费！

• Ultra-efficient nutrient absorption thanks to the 100% barrier-free passage of ions through the cell membrane

5. 可嫁接、延展、支援一切“但凡有生命现象”的产业集群，事业合作与发展的空间无限性

• Can support and enhance all industries related to life and health



# 大安海矿：海纳百川，旷世济物！

D.A. Marine Mineral - benefit all life with a broad-mind



海纳百川，旷世济物的修养和根基； All-inclusive and encompassing  
支持呵护一切生命行业的气度和胸襟； Taking care of all life  
事业本具的慈悲性； Inborn mercy and compassion

天然资源和科技的不可替代性，又赋予您的业务天生具备了超然于恶性竞争的战略高地，以纯净的运营环境，帮助拥有战略眼光的您打造百年名企！

The irreplaceability of natural resources and technology endows your business with a strategic highland that is detached from vicious competition, help you build a longevous enterprise!

大安与志同道合的您，共同造福生命、利益自他！



# 大安海矿，带安而来！

D.A. Marine Mineral, bring you peace and ease!



- **重塑一个绿色、无毒、健康、环保的美丽新世界！**
- **Rebuild a beautiful new world that is green, non-toxic, healthy and environmentally friendly!**





MarineMineral

# 大安海矿，带安而来！



祝福所有的朋友、客户、合作伙伴们：

人人健康，事业兴隆！  
元亨利贞，共上大道！

# THANK YOU!

大安科学技术集团有限公司

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