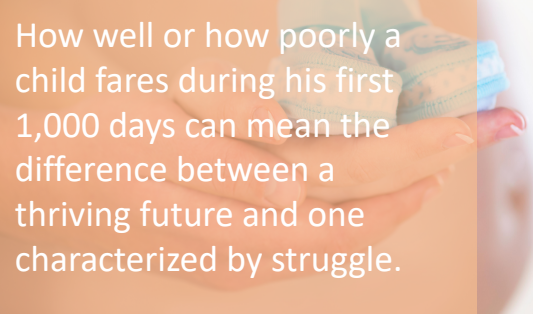


SUPPLEMENTING WITH Magnafolate®

Give Every Baby The Best Start!
Power Up Our Life
From The First 1,000 Days To Future 100 Years...

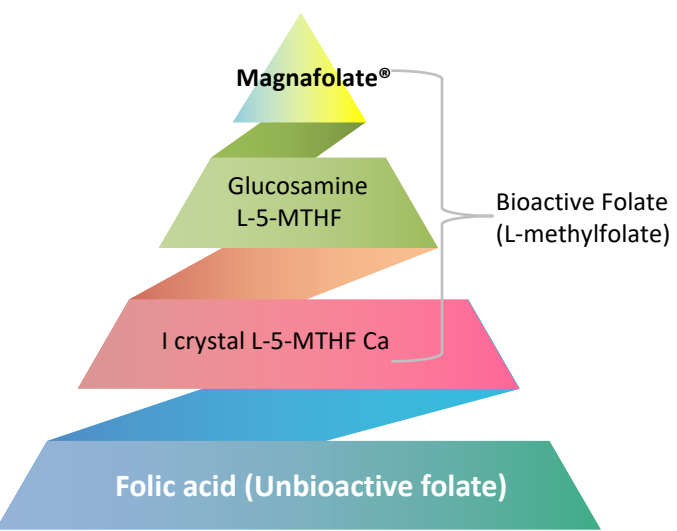
What is the Significance of the first 1,000 days?



How well or how poorly a child fares during his first 1,000 days can mean the difference between a thriving future and one characterized by struggle.

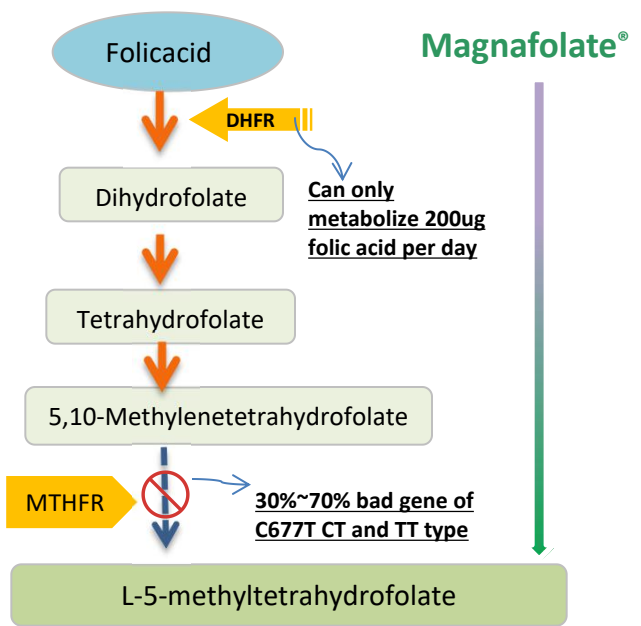
As we all know, folate is critical to the early development of the brain and spine.

What YOU should know Folate Evolution



Magnafolate® Just an Expensive Folic acid?

Somebody are saying the bioactive folate is just an expensive folic acid. The answer is absolutely **NO !**



Compared to Folic acid, Magnafolate® has three outstanding advantages.

- Absorb directly, no need metabolism.
- The only folate source for the 30%~70% individuals with bad gene of MTHFR C677T CT and TT type.
- A Safer folate source, especially for pregnancy.*

Using Magnafolate to replace folic acid is an inevitable trend of scientific and technological progress.

* Jinkang spend 7 years to do a study between Folic acid and Magnafolate® PRO in birth defect. The result shows that UMFA is the independent risk for CHD. Interest to learn more regarding the study, feel free to email to us. info@magnafolate.com

Magnafolate® VS other Bioactive folate

Think Baby, offer the Purest Bioactive folate

Did You Know?

In the embryonic stage, the life is Zero tolerance for any potentially toxic substance.

Choosing the purest folate is necessary.

ID: 5069619045



Magnafolate® PRO
The PUREST Bioactive Folate
on the planet

Unlike other kind of bioactive folate

Magnafolate® use the unique patented C-type crystallization technology which can get the most stable and the purest bioactive folate.

- Avoid using any potential toxic substances such as formaldehyde and platinum during production process.
- The purity can reach to 99.7%~99.9%.
- All the potential risky impurity are controlled into the smallest assay.

Risky impurity	Magnafolate® PRO	Other Bioactive folate
Mercury	0.1ppm	1.5ppm
D-5- MTHF	0.1%	1.0%
JK12A	0.1%	1.0%

Magnafolate® PRO
Improved Bioavailability^[1]

Bioactive folate	Cmax	Time up to C _{max}
Magnafolate® PRO	201.85	1hour
I crystal L-5-MTHF Ca	147.335	1hour
Glucosamine L-5-MTHF	165.36	0.5hour

Note: Cmax, the peak concentration of L-5-MTHF

After oral dosing of Magnafolate®, I crystal L-5-MTHF Ca and Glucosamine L-5-MTH at 0.01mmol/kg

the mean Cmax is 268.0725, 253.7207 and 274.1217, AUC(0~t) is 2336.1085, 2006.8235 and 2143.2415 h*ng/mL.

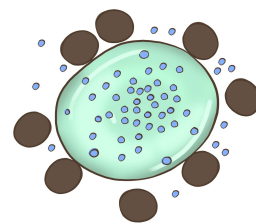
Compared to Magnafolate®, the relative bioavailability of I crystal L-5-MTHF Ca and Glucosamine L-5-MTH is 85.90% and 91.74%

Moreover, YOU should know
Magnafolate® VS Glucosamine L-5-MTHF

Magnafolate®
497.5g/mol

VS

Glucosamine L-5-MTHF
817.8g/mol
(Almost Twice heavier)



- Small Molecular
- Big Molecular

The big molecular is difficult to pass through the biofilm, and it will be a heavier burden to our body. Small molecular (< 500g/mol) can be more absorbed easily.

[1]Zenglin Lian 1,†, Hong Chen,Improved Stability of a Stable Crystal Form C of 6S-5-Methyltetrahydrofolate Calcium Salt, Method Development and Validation of an LC-MS/MS Method for Rat Pharmacokinetic Comparison,Molecules 2021, 26, 6011

***Magnafolate® is certificated by Kosher, Halal, ISO22000 NDI 920, GRAS Self-affirmed

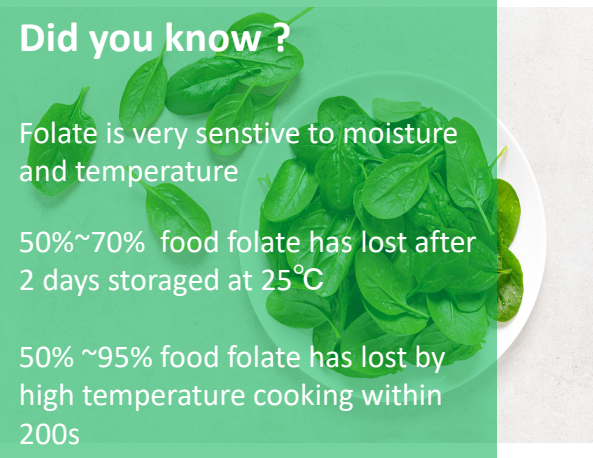


Magnafolate® VS other Bioactive folate

Unique C-type crystallization technology, Improved Stability

The only L-methylfolate can bear above 25°C and 30 °C on the planet

Did you know ?



Folate is very sensitive to moisture and temperature

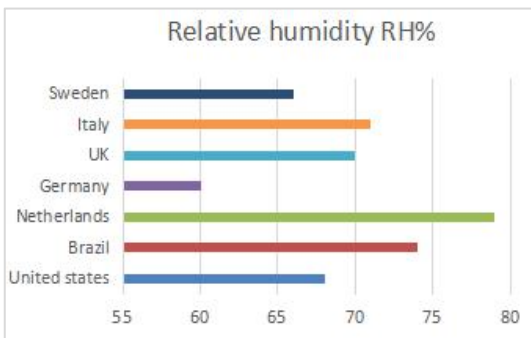
50%~70% food folate has lost after 2 days stored at 25°C

50% ~95% food folate has lost by high temperature cooking within 200s

How many days above 25°C per year in your location?

Countries	Days above 25°C/year
USA	100
China	102
Australian	120
Brazil	365
India	225

High humidity will also increase the folate lost. How about the humidity in your location?

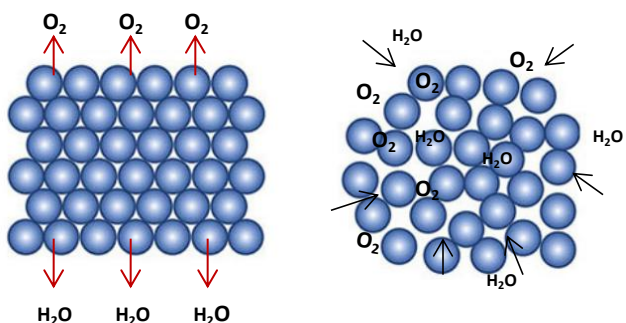


It's CLEAR:
Making folate be stable is important, but, NOT EASY.

What's the secret for the superior stability of Magnafolate® ?

The answer is **unique C-type** crystallization technology.

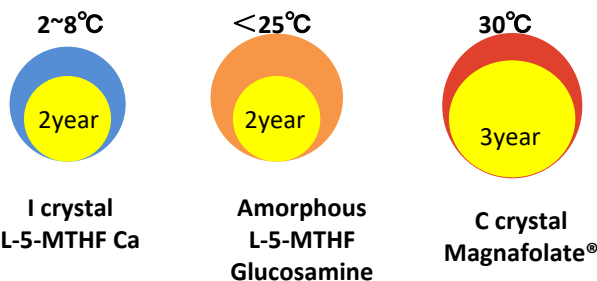
With this special technology, Magnafolate® has a rule spatial structure of C crystal form which can use its strong lattice energy to block the outside air and water to make bioactive folate be stable.



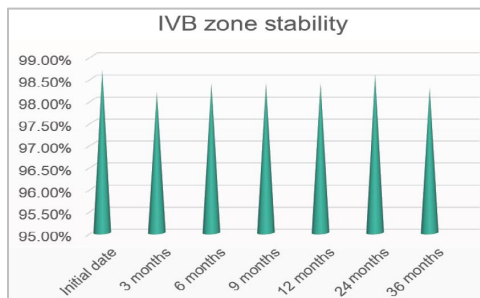
Magnafolate®
C crystal form

Amorphous type: no rule spatial structure, easy to be oxidized, poor stability.

Storage Condition: Different Bioactive folate



Magnafolate: Stability study at IVB zone



Magnafolate® is stable for 36 months at IVB zone (30±2 °C & 75%±5%RH), the most strict climatic condition.