

- 1 Anti Aging
- 2 Brain Health
- 3 Energy
- 4 Immune
- 5 Post Covid







## What is NAD+?

Nicotinamide adenine dinucleotide(NAD+) is an essential cofactor in all living cells that is involved in fundamentalbiological processes and is essential component of energy production (mitochondrial function).

It is a metabolite of Vitamin B3.

- DNA repair
- Turns Genes on and off
- Communication of cells

- Cell repair
- Maintains neurotransmitter levels
- ATP production in cells











## NAD+

A Fountain of Youth Molecule

- Dr. David Sinclair Ph.D. professor in the Department of Genetics at Harvard Medical School.
- •Researchers found boosted NAD+
  levels in older mice looked biologically
  younger at a cellular level
- •HOW? NAD+ made a "cleaning protein"= allowed DNA to repair



### What the Experts are saying about NAD+ Therapy





David A.
Sinclair

Ph.D., Professor in
Department of Genetics,
Harvard Medical School.



Guarente

Novartis Professor
ofBiology,MIT.
Director Biology of Aging
Researchat MIT

**Dr.Leonard** 



Dr. Phillip Milgram Scripps Memorial Hospital

00

"A fountain of youth molecule"



NAD+ offers... people a path to proactively intervene in their own aging process.



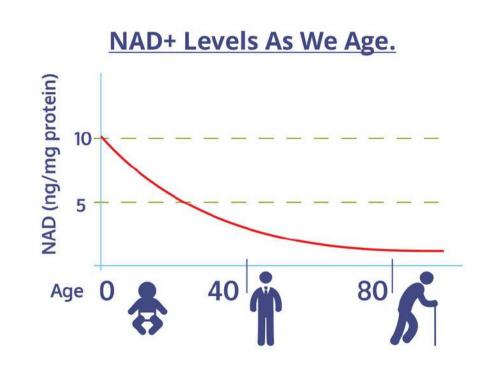
"Potentially one of the greatest advances in medical science since the invention of penicillin."





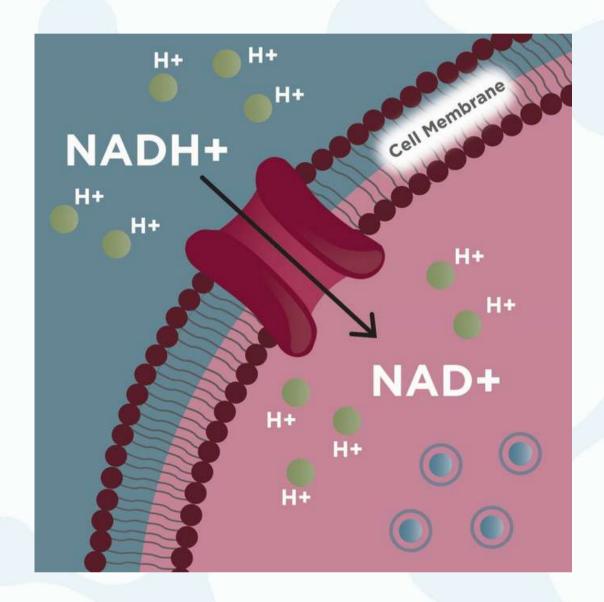
Where are you on the graph?

NAD+ declines over **50**% by the age of <u>40</u>









Why is our substance so effective? Simple H+ is attached and allows for entrance to cells

Electron Transport Chain (ETP)
ATP-requires Hydrogen





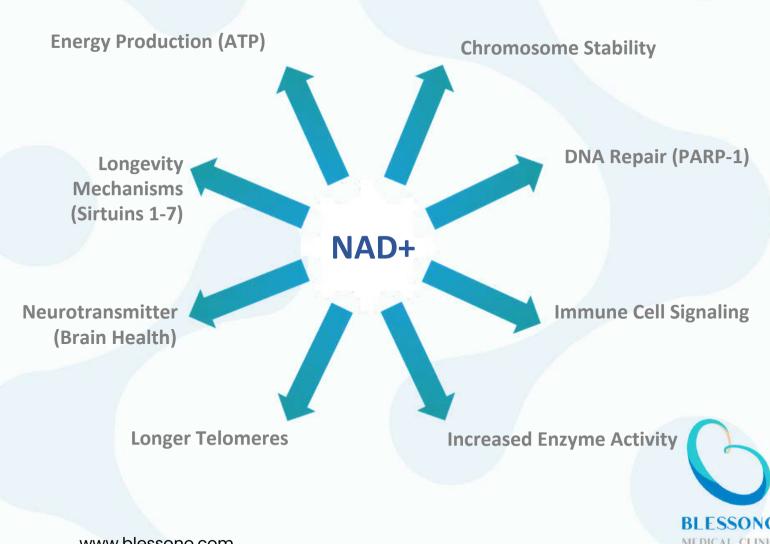
### What Does **NAD+**Mitigate and Promote?

### **NAD Mitigates**

- Inflammation
- -DNA damage
- -Failing mitochondria

### **NAD Promotes**

- Longevity
- -DNA repair
- -Cellular enhancement

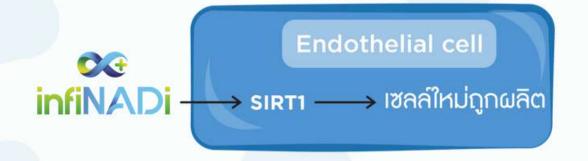


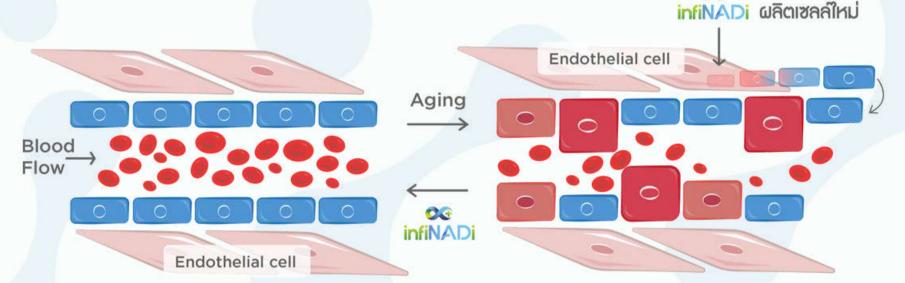
# Stem cells can be activated to make new younger endothelial cells-SIRTI















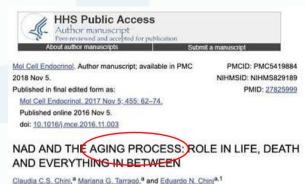
## **CLINICAL PAPERS**

Reputable Universities Over Decades of Research





### Original NAD+Published Research in 1960's focused on Neurological Conditions like Parkinson's & Brain Injury







Prevention of Traumatic Brain Injury-Induced Neuron Death by Intranasal Delivery of Nicotinamide Adenine Dinucleotide

Seok Joon Won, 1 Bo Young Choi, 4 Byung Hoon Yoo, 1, 2 Min Sohn, 3 Weihai Ying, 5 Raymond A. Swanson, 1 and Sang Won Suh 1,4



MDPI

PMCID: PMC6359187

Biomolecules, 2019 Jan; 9(1): 34, Published online 2019 Jan 21. doi: 10.3390/biom9010034

Nicotinamide Mononucleotide: Exploration of Diverse Therapeutic Applications of a Potential Molecule

Saikat Kumar Poddar, 1,\* Ali Ehsan Sifat, 1 Sanjana Hague, 1 Noor Ahmed Nahid, 1 Sabiha Chowdhury, 1 and Imtias Mehedi2

### ANTIOXIDANTS & REDOX SIGNALING Journals Search Alerts

Antioxid Redox Signal, 2019 Jan 10: 30(2): 251-294. Published online 2018 Nov 30. doi: 10.1089/ars.2017.7269

Published online 2012 May 1, doi: 10.1089/neu.2011.2228

PMCID: PMC6277084 PMID: 29634344

PMID: 22352983

PMID: 30669679 Role of Nicotinamide Adenine Dinucleotide and Related Precursors as Therapeutic Targets for Age-Related Degenerative Diseases: Rationale, Biochemistry, Pharmacokinetics, and Outcomes

> Nady Braidy, 1 Jade Berg, 2 James Clement, 3 Fatemen Khorshidi, 1 Anne Poljak, 4.5 Tharusha Javasena, 1 Ross Grant, 2,,5,,6 and Perminder Sachdev 1,,7



Progress in Neuro-Psychopharmacology and Biological Psychiatry Volume 94, 30 August 2019, 109670



BI ESSONO

MEDICAL CLINIC

Protective effects of β- nicotinamide adenine dinucleotide against motor deficits and dopaminergic neuronal damage in a mouse model of Parkinson's disease



# Research Overviews on Metabolic & Cardiovascular (chronic disease) Conditions that can be Improved by NAD+

### Cardiovascular Aging Compendium

### Sirtuins and NAD<sup>+</sup> in the Development and Treatment of Metabolic and Cardiovascular Diseases

Alice E. Kane, David A. Sinclair

Abstract: The sirtuin family of nicotinamide adenine dinucleotide-dependent deacylases (SIRT1-7) are thought to be responsible, in large part, for the cardiometabolic benefits of lean diets and exercise and when upregulated can delay key aspects of aging. SIRT1, for example, protects against a decline in vascular endothelial function, metabolic syndrome, ischemia-reperfusion injury, obesity, and cardiomyopathy, and SIRT3 is protective against dyslipidemia and ischemia-reperfusion injury. With increasing age, however, nicotinamide adenine dinucleotide levels and sirtuin activity steadily decrease, and the decline is further exacerbated by obesity and sedentary lifestyles. Activation of sirtuins or nicotinamide adenine dinucleotide repletion induces angiogenesis, insulin sensitivity, and other health benefits in a wide range of age-related cardiovascular and metabolic disease models. Human clinical trials testing agents that activate SIRT1 or boost nicotinamide adenine dinucleotide levels are in progress and show promise in their ability to improve the health of cardiovascular and metabolic disease patients. (Circ Res. 2018;123:868-885, DOI: 10.1161/CIRCRESAHA.118.312498.)

Key Words: aging ■ atherosclerosis ■ cardiomyopathies ■ dyslipidemias ■ insulin resistance ■ metabolic syndrome ■ obesity

Study provides a detailed overview of metabolic and cardiovascular diseases

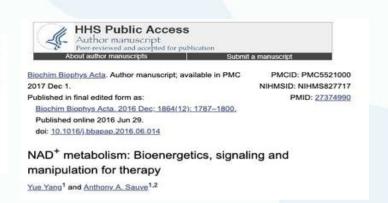




# Currently, NAD+ Published Research are related to Anti-Aging, Longevity and chronic disease.









Translational Medicine of Aging Volume 2, January 2018, Pages 30-37



Therapeutic potential of boosting NAD+ in aging and age-related diseases



Therapeutic potential of NAD-boosting molecules: the in vivo evidence

Luis Rajman, 1 Karolina Chwalek, 1 and David A. Sinclair 1,2,#









Received 9 Jan 2014 | Accepted 28 Aug 2014 | Published 7 Oct 2014

DOI: 10.1038/ncomms6101

**OPEN** 

## NAD<sup>+</sup> protects against EAE by regulating CD4<sup>+</sup> T-cell differentiation

Stefan G. Tullius<sup>1,\*</sup>, Hector Rodriguez Cetina Biefer<sup>1,2,\*</sup>, Suyan Li<sup>3</sup>, Alexander J. Trachtenberg<sup>4</sup>, Karoline Edtinger<sup>1</sup>, Markus Quante<sup>1</sup>, Felix Krenzien<sup>1</sup>, Hirofumi Uehara<sup>1</sup>, Xiaoyong Yang<sup>1</sup>, Haydn T. Kissick<sup>5</sup>, Winston P. Kuo<sup>4</sup>, Ionita Ghiran<sup>6</sup>, Miguel A. de la Fuente<sup>7</sup>, Mohamed S. Arredouani<sup>5</sup>, Virginia Camacho<sup>8</sup>, John C. Tigges<sup>8</sup>, Vasilis Toxavidis<sup>8</sup>, Rachid El Fatimy<sup>9</sup>, Brian D. Smith<sup>10</sup>, Anju Vasudevan<sup>3</sup> & Abdallah ElKhal<sup>1</sup>

CD4 $^+$  T cells are involved in the development of autoimmunity, including multiple sclerosis (MS). Here we show that nicotinamide adenine dinucleotide (NAD $^+$ ) blocks experimental autoimmune encephalomyelitis (EAE), a mouse model of MS, by inducing immune homeostasis through CD4 $^+$ IFN $\gamma$  $^+$ IL-10 $^+$  T cells and reverses disease progression by restoring tissue integrity via remyelination and neuroregeneration. We show that



### **HARVARD STUDY T-Cell**

regulated and stop progression of MS and repaired damage, mice could walk again, (EAE) 2014



## Case Study Parkinson's patient

- Bank Executive 74 years old
   Diagnosed 10 year ago
   Wheelchair bound 5 years
- Treatment –5 Months
  Mercury detox –DMPS, DMSA, EDTA
  Mineral supplements and amino acids
  Passage 1 -IV umbilical cord stem cells
  30 Vials NAD+ -2 weeks x 15 vials;
  2 weeks break –2 courses







# Parkinson's Assesment Stop&Start Test







After



## What kind of patients does InfiNADi NAD+help?

















# Benefits of InfiNADi NAD+ IV Therapy for Neurological issues



- Improves mental
- clarity Improves focus
   and
- concentration
- Boosts moodImproves memory





## Benefits of InfiNADi NAD+for **Metabolic Functions**

- Increases energy levels
- Decreases fatigue
- Restores muscle function and athletic performance
- Improves metabolism
- Helps Weight loss Reduces Glucose levels







\* Research papers available upon request



# How does InfiNADi NAD+ help with chronic illnesses?

**NAD+ treatment** has been shown to be capable of dramatically reducing symptoms of these illnesses by **boosting the body's natural cellular repair.** 

NOT A CURE BUT ENHANCES
PATIENT QUALITY OF LIFE (QOL)



- Ageing
- Arrhythmia
- Hypertension
- Coronary Artery Disease
- Parkinson's Disease
- Multiple Sclerosis
- Type II Diabetes
- Obesity
- Chronic Fatigue
- Stroke
- Brain Injury
- Dementia





# **PROTOCOLS**

**For Patients** 





## InfiNADi NAD+Protocols



Starter Package: 5 vials

Immune/Post-Covid: 5 vials

Anti-Aging Package: 15-20 vials

Clinical/Disease:30 vials

**Top-Ups**: Monthly, quarterly, yearly (As required or patient preference 2-4 vials

7 days

7 days

6 weeks

8 weeks





# PROVE IT!

Physician's Checklist

Documents that should be requested





## Physician's Checklist

InfiNADiNAD+comes with the following critical documents:

- Regulatory Documents
- 3rd Party Purity Testing
- **Clinical Bioabsorption Testing**
- Clinical Study on Purity
- FDA Approval Certificate

InfiNADiis the <u>ONLY</u>
NAD+ product in the world to haveALLof the following documents.

Most NAD+ competitors don't have ANY of the important documents presented on the "Physician's Checklist".



### PRODUCTION DOCUMENT

Certificate of Analysis (COA)

Each production run (new batch) has <u>internal COA</u>to prove purity and document substance.

InfiNADi NAD+COA's are updated with every production run.





### infiNADi

### COA

Product From Master Lot: NAD+100mg per vial



Master Lot: 12082022

Components per Vial: 100mg NADh > 99%, Agua 4ml

MFG: August 2022

EXP: August 2023

Sterile Preparation | Light Sensitive | Store at -20 C

Producer: Regenerative Medicine Co., Ltd

**Biological Activity:** NADH is a coenzyme of many oxidoreductases. NADH functions as a regenerating electron donor in catabolic processes including glycolysis, beta-oxidation and the citric acid cycle.

Purity: 99.89%

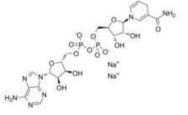
Target: Human Endogenous Metabolite

Pathway: Metabolic Enzyme / Protease

Molecular Formula: C21H27N7Na2O14P2

Molecular Weight: 709.4

Pathway: Metabolic Enzyme/Protease



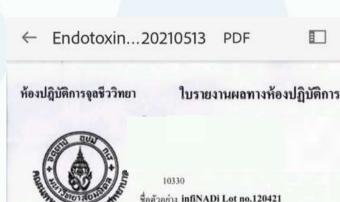
### **ENDOTOXIN TESTING**

### **Mahidol University**

Each production run (new batch) has an updated endotoxin certificate to confirm product is free of toxins and sterile.

Physicians should request endotoxin reports for any NAD+ being sold or before purchasing.





ผู้อำนวยการห้องปฏิบัติการ ศ.คร.วรรณี กัณฐกมาลากุล

คณะแพทยศาสตร์ศิริราชพยาน

2 ถนนวังหลัง เขตบางกอกน้อย กรุงเทพฯ 10700 กาควิชาขอชีววิทธา โทร 624197655

Lab No. 2120138681

วันเวลาที่รับตัวอย่าง 11/05/2021 10:50

วันเวลาที่ตรวจวิเคราะห์ 11/05/2021 13:00

วับเวลาที่รายงานผล 12/05/2021 11:46

#### ENVIRONMENTAL MICROBIOLOGY

Others, infiNADi Lot no.120421

\*Bac: endotoxin test 0.257 EU/ml

\*\*Bac:sterility test

NOTE: Nicotinamide Adenine Dinucleotide 100 mg solution

MFD 21/ APR/ 21 Exp. 12/ APR 22

สิ่งส่งครวจบรรจหลอดพลาสติกฝาสีสัม ปริมาคร 5 ml จำนวน 1 หลอด

วันที่เก็บตัวอย่าง 11/05/64 เวลา 09:00 น. ผู้เก็บ Tanabodee

Method: Kinetic turbidimetric method

ผู้ตรวจวิเคราะห์ : น.ส.กาณจนา พวงแก้ว



# MATERIAL SAFETY DATA SHEET (MSDS)

Full compliance under international standards and allows for <a href="international shipment">international shipment</a> of product.

### **SOLD IN OVER 15 COUNTRIES**



### Material Safety Data Sheet (MSDS)

Revision Date:

JUN-13-2021

Print Date: JUN-13-2021

#### 1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier

Product name : NADH (disodium salt)

CAS No.: 606-68-8

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Food Supplement, Topical Solution, Research Chemical

1.3 Details of the supplier of the safety data sheet

Company: Regenerative Medicine LTD

Tet +6626557414 Fax: +6626557414

F-mail: info@regenmedasia.com

1.4 Emergency telephone number

Emergency Phone #: +6626557414

#### 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards

None.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

 $\begin{array}{lll} \text{Synonyms:} & \text{Disodium NADH} \\ \text{Formula:} & \text{C}_{21}\text{H}_{27}\text{N}_7\text{Na}_2\text{O}_{14}\text{P}_2 \end{array}$ 

Molecular Weight 709.40 CAS No.: 606-68-8



### University of HELSINKI **3rdPARTY INDEPENDENT VERIFICATION**

99% Pure, Pharmaceutical Grade

**COA:**Certificate of Analysis from 3rd party University of Helsinki

**CONCLUSION:InfiNADiNAD+is over 99% PURE** and is certified by *Mass Spectrometry* 







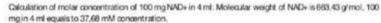
University of Helsinki Faculty of Medicine STEMM Research Program

#### Topic: Assists of infiNAD product

Date of analysis 03.12.2021

Description: class bottle with frozen 4 ml of water based NAD+, 100 mc

Preparation for analysis:

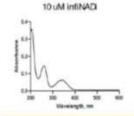


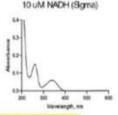
Dilution for spectrospopic analysis: solution was melted at FIT. 37.68 mM stock was diluted x 376 times with milliQwater to 10 uM final concentration

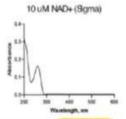
Spectroscopy analysis: done on SHMADZU spectrophotometer model UV-2401 PC

Result: optical light absorption spectrum of 10 uM infiNAD component has two peaks - at 260 nm and 340 nm. These peaks are features of NADH - reduced form of NAD+ as oxidized form NAD+ has only one peak NADH has this ratio higher than 2.3. In infiNAD compound ratio OD960nm/ODsess - 2.317.

Reference: For comparison spectra of 10 uM water-based solutions of NAD+ (Soma Cat/IN1636) and NADH (Soma Oxt/IN8129) were taken.







Conclusion: infiNAD product contains pure NADH solution. Concentration 37,68 mM or 106 mg in 4 ml. as molecular weight of NADH is 709.4 g/mol.

Analysis of infiNADi using NADMED technology.

InfiNADI was analyzed on two assays selectively detecting either NAD+ or NADH. Sonal was detected only in NADH assay confirming results of spectrophotometric analysis.

Operator: Analysis was done by Dr. Liliya Euro, PhD in the laboratory of Prof. Anu Suomalainen, Helsinia University.

d. Euro Lilya Euro, Helsinti 25.01.2022

### **HELSINKI UNIVERSITY**

# InfiNADi CLINICAL TRIAL -2021 NEWS Proving 100% Absorption in two hours



ReGenMed and the University of Helsinki Collaborate T...

**Bloomberg** 

ubscribe



Business

ReGenMed and the University of Helsinki Collaborate Their Expertise on NAD+ Human Clinical Study

May 18, 2022, 7:51 PM GMT+2

NAD+, a coenzyme referred to as "The Fountain of Youth Molecule", in a first-of-a-kind clinical study with top European university.

Bangkok, Thailand--(Newsfile Corp. -May 18, 2022) - ReGenMed is pleased to announce results of their exciting ReGenMed and the University of Helsinki Collaborate T...







ReGenMed and the University of Helsinki Collaborate Their Expertise on NAD+ Human Clinical Study

PUBLISHED

MAY 18, 2022 1:51PM EDT

ReGenMed and the University of Helsinki Collaborate T...



ReGenMed and the University of Helsinki Collaborate Their Expertise on NAD+ Human Clinical Study

Newsfile Corp.

May 18, 2022 · 4 min read

NAD+, a coenzyme referred to as "The Fountain of Youth Molecule", in a first-of-a-kind clinical study with top European university.

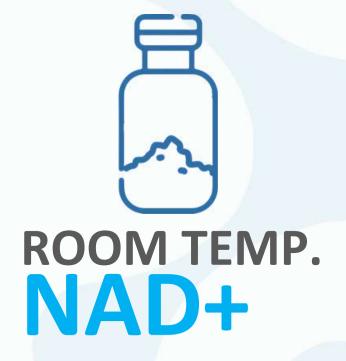


# WHY FROZEN FORMULA IS MORE EFFECTIVE THAN ROOM TEMPERATURE



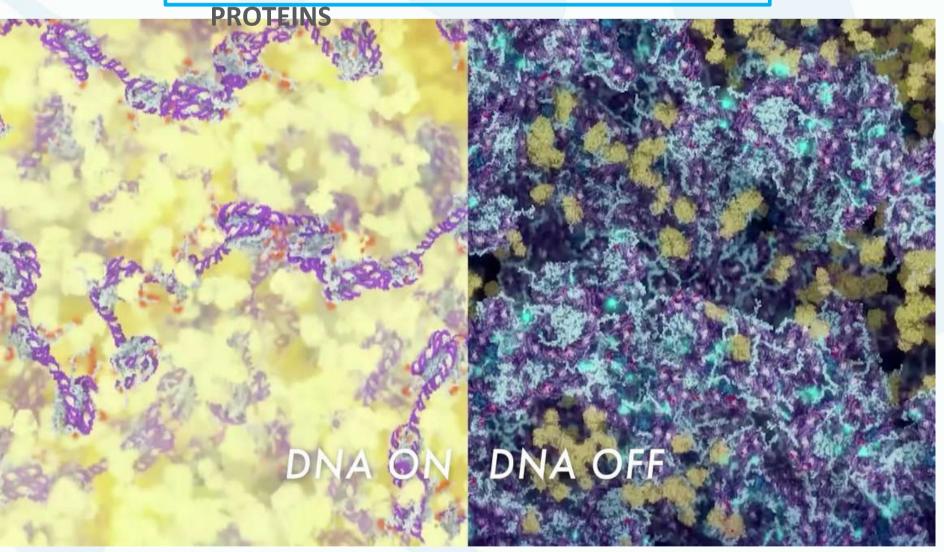


VS





# WHY FROZEN FORMULA IS MORE EFFECTIVE THAN ROOM TEMP.? TURNING ON GENES & MAKING



**infiNADi** 

Room Temp.

### WHY FROZEN LIQUID FORMULA IS MORE EFFECTIVE

# BLESSONO MEDICAL CLINIC

# InfiNADi NAD+ (Frozen)

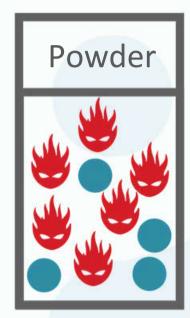
Cold-Filter Sterilizatio





# Other NAD+ Room Temp. Product

Heat Sterilization





Room Temp. NAD loses 80%-90% effectiveness due to the heat sterilization process required to produce powder.

The heat-sterilization process damages and renders ineffective most of the NAD+ molecules.

InfiNADi(Frozen) is sterilized by gentle, cold-filteration process allowing 99% of the NAD to be preserved carefully until prepared.

#### STERILIZATION OUTCOME:

NAD+ FROZEN Formula maintains 100% potency.

The analyzed room temp. NAD can lose80% -90% potency.

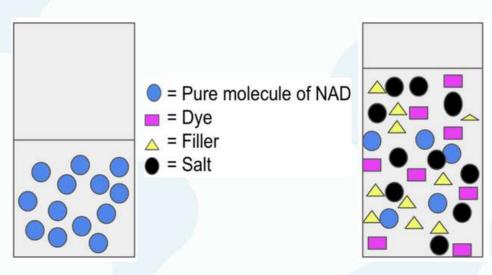
InfiNADi (Frozen) is 5-10 X MORE POWERFUL than Room Temp. NAD+

### WHY InfiNADi FORMULA IS MORE EFFECTIVE

Concentration and puritymatters! No Preservatives!

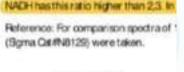
InfiNADi NAD+
100 mg

Room Temp. Product 250 mg / 500 mg



CLINCALLY PROVEN PURE
BY
UNIVERSITY OF HELSINKI







Condusion: infiNAD product contain molecular weight of NADH is 709,4 g/

Applicational in FINISH Links NAPA (CP)

100 mg = 99% Pure

500 mg = 10% Concentration

**EXAMPLE** 

100 mg Frozen is GREATERthan 500 mg Powder
You would need 1,000 mg Room Temp NAD+ to equal 100 mg of infiNADi



### WHY FROZEN FORMULA IS SAFER FOR DOCTORS



### **Dissolving Room Temp. NAD+**

**Embolism or Stroke?** 



InfiNADi NAD+ (Frozen) is lab prepared by experts.

No concerns for treating physicians.

The dissolution of NAD+ is a *complex process* and should only be prepared by professional cGMP lab experts.









Dr. David Sinclair usesNAD+
prepared from his own lab.
Producing high quality NAD+
requires expertsand
sophisticated lab equipment.



Do you know who makes your NAD+?







# Packages Price

## Normal Price

- 1NAD+ Vial
- Regular Price

**RM850** 

# Package of 5

- 5 NAD+ Vial
- Intro Course

RM4,000

## Package of 10

- 10 NAD+ Vial
- For Brain Health

RM7,650

## Package of 20

- 20 NAD+ Vial
- For Anti-Aging

RM13,600

### Recommended: InfiNADi NAD+ COURSES

Intro Course - 5 vial Immune / Post Covid - 5 vial Brain Health - 10 vial Anti - Aging - 20 vial Top - Up IV - 2 to vial First Trial Price RM599

1 NAD+ Vial

## THE END













