

PATENTED

Stable Creatine Soft-Chew Technology

Science-Backed. Superior Stability. Maximum Results.



Science-Backed
Innovation



24-Month
Potency
Retention



Consumer-First
Experience



1



HIGH CREATINE LOAD

Delivers 5 g of creatine
in just two soft chews.

2



LOW MOISTURE MATRIX

Advanced low-moisture
matrix for long-term stability.

3



NO ADDED WATER NO HEAT PROCESSING

Formulated without added
water and no heat applied.

4



WATER ACTIVITY BELOW 0.5

Ensures microbiological
stability and extended
shelf life.

5



MINIMAL CREATININE FORMATION

Minimal creatinine
formation less than 1%.

6



STABLE FORMULATION

Maintains integrity
and performance
over time.

7



24-MONTH POTENCY RETENTION

Proven stability retains
potency for up to 24 months.

8



NO SPECIAL SHIPPING

Stable at ambient conditions.
No cold chain required.

9



MOIST TEXTURE – NO INDIVIDUAL WRAPPING

Convenient, moist soft chews
without the need for
single wrapping.

10



NON-GRITTY • NON-CHALKY

Smooth mouthfeel.
No grit, no chalk.

11



SUGAR FREE

No sugar,
guilt-free performance.

12



HARDNESS < 2 KP

Measured using a
Texture Hardness Tester.
Perfect chewability.
Easy on teeth.



Superior
Stability



Consumer-
Friendly Texture



High Patient
Compliance



Great Taste
Experience



Ambient
Storage



Science-Backed
Technology

BENEFITS THAT MATTER



★★★ / PATENT PORTFOLIO ★★★

US 10,117,831 | US 11,633,361 | US 12,396,954 | US App. 19/235,515 | PCT/US23/19340 | EP 23792560.7



Stable by Design.



Trusted by Science.



Protected by Patents.

CREATINE GUMMY MARKET TEST RESULTS

NOW Foods Independent Testing – February 2024

12 Creatine Gummy Brands Purchased Online | Tested by Validated HPLC Method

 **12**
Brands Tested

 **6**
Brands Failed
Label Claim

 **6**
Brands Passed
Label Claim

DETAILED TEST RESULTS

#	CREATINE GUMMY BRANDS	LOT #	LABEL CLAIM (mg/gummy)	CREATINE RESULTS (mg/gummy)	CREATININE RESULTS (mg/gummy)	STATUS
1	Astro Labs	231106	1250 mg	0 mg	4.4 mg	FAILED
2	Bear Balance	KN116408	1000 mg	1165 mg	-	PASSED
3	Beast Bites	BB72512	1000 mg	8.7 mg	25.1 mg	FAILED
4	Bod	1197235188301	1000 mg	1184 mg	-	PASSED
5	Create	230923-GM5	1500 mg	1278 mg	37.8 mg	FAILED
6	Con-Cret	2310006	250 mg	28.3 mg	63.8 mg	FAILED
7	Effective Nutra	384235205301	1000 mg	1256 mg	-	PASSED
8	Greabby	DC23B04	1250 mg	0 mg	2.3 mg	FAILED
9	Iron Labs Nutrition	020923A	1200 mg	1365 mg	-	PASSED
10	Njord	BREDP	1250 mg	0 mg	3.8 mg	FAILED
11	Peach Perfect	1198235188301	1000 mg	1120 mg	-	PASSED
12	Zhou	KN116353	1667 mg	2038 mg	-	PASSED

OVERALL RESULTS SUMMARY

6
FAILED
50%



6
PASSED
50%

6 out of 12 products failed to meet their label claim.

CREATINE RESULTS DISTRIBUTION

% of Label Claim Achieved (Based on mg/gummy)

0% (Not Detected)	<25%	25–75%	75–125%	>125%
3 Brands (25%)	3 Brands (25%)	0 Brands (0%)	3 Brands (25%)	3 Brands (25%)

50% of products delivered less than 75% of the labeled creatine.

KEY OBSERVATIONS

-  3 products had NO detectable creatine.
-  3 additional products delivered less than 25% of the labeled creatine.
-  Elevated creatinine levels were found in 7 products, indicating degradation of creatine to inactive creatinine.
-  Creatinine is an inactive by-product and does not provide the performance benefits of creatine.

CREATININE DETECTED (Degradation Indicator)



7 products contained
measurable creatinine

Creatinine levels ranged from
2.3 mg to 63.8 mg per gummy.

WHAT THIS MEANS FOR CONSUMERS

-  Many creatine gummies on the market may deliver little to no active creatine.
-  Underdosing can lead to poor results and frustration.
-  Product quality and stability vary widely across brands.

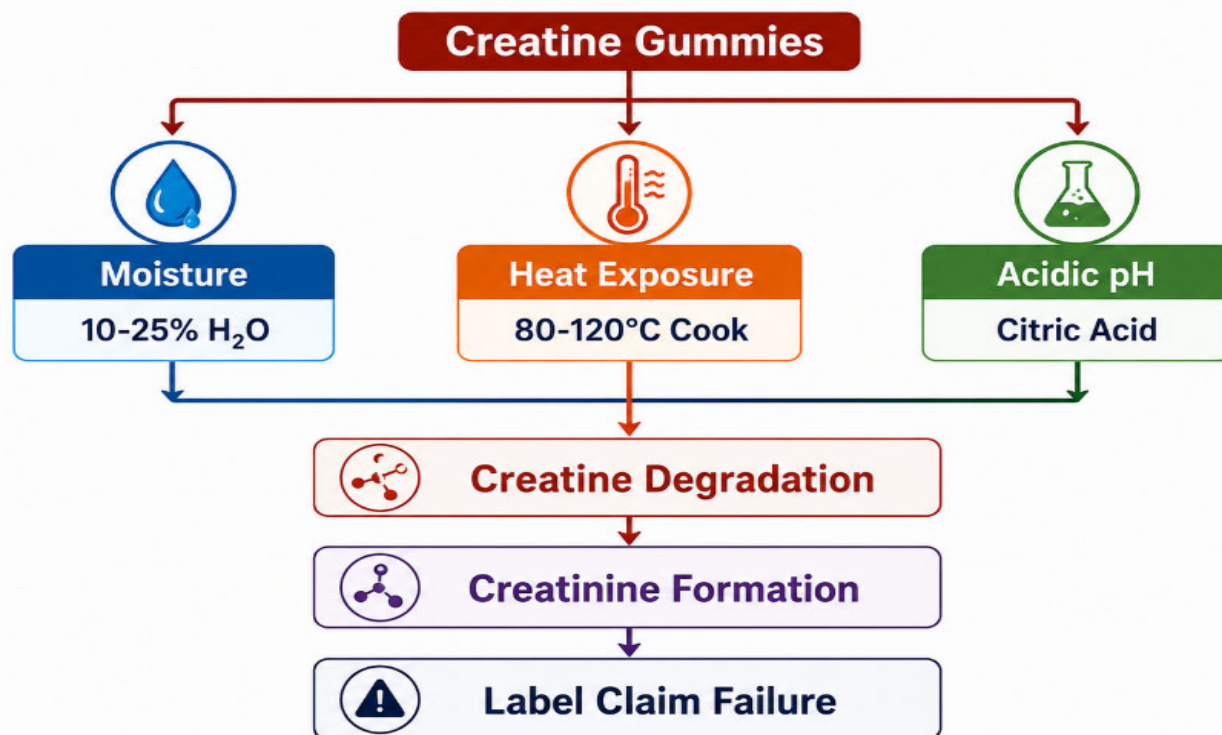


Always choose trusted brands that prioritize quality, stability, and third-party testing.

Source: NOW Foods Independent Laboratory Testing Program.

"Creatine Gummy Test Results," February 2024. Reported by Nutraceuticals World, February 29, 2024.
[nutraceuticalsworld.com/breaking-news/now-reports-widespread-failings-in-creatine-gummy-tests/](https://www.nutraceuticalsworld.com/breaking-news/now-reports-widespread-failings-in-creatine-gummy-tests/)

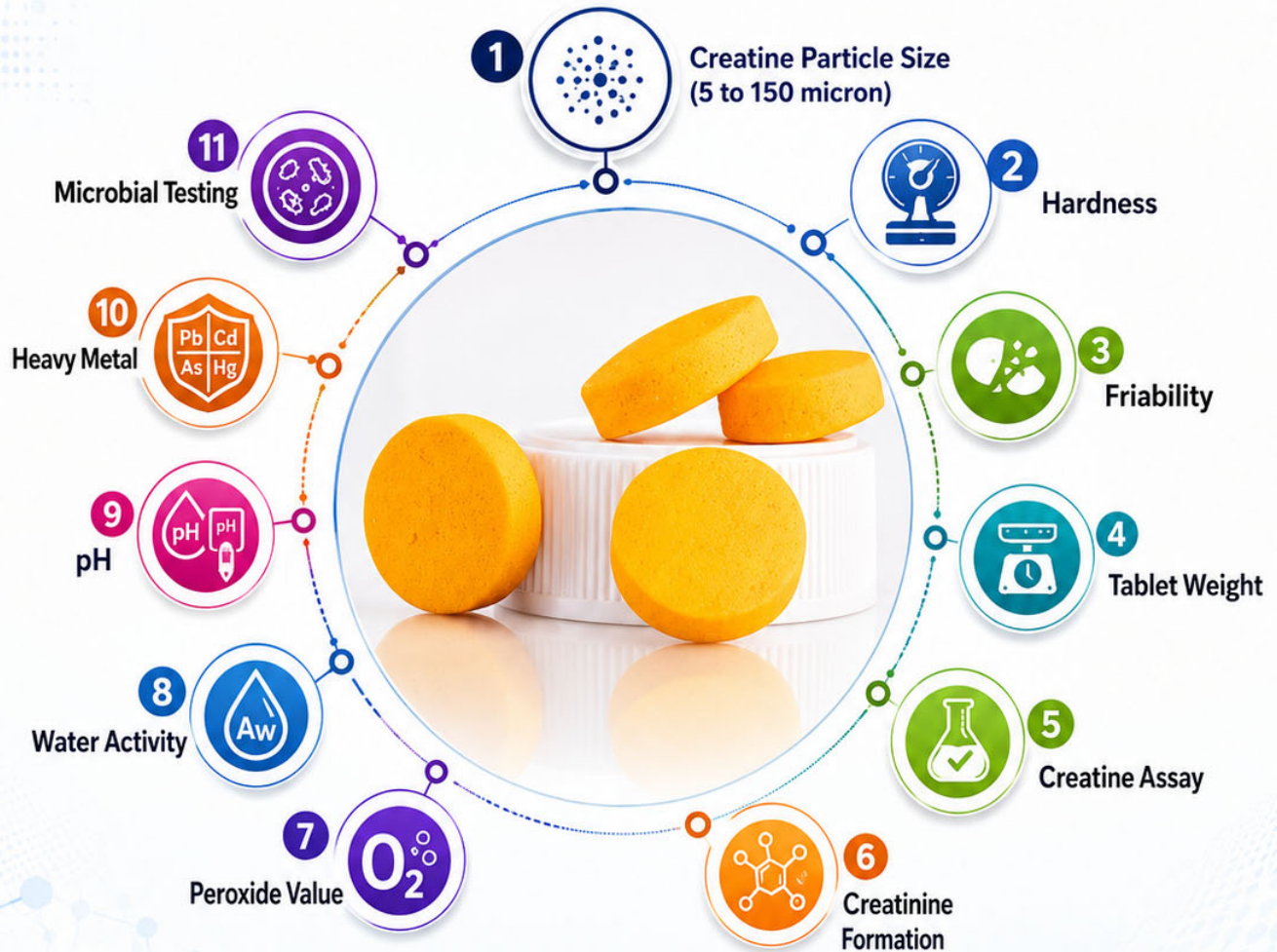
Why Creatine Gummies Fail.



NutraSoft™

Stable Creatine Soft-Chew

PRODUCT PERFORMANCE CHARACTERIZATION



HIGH QUALITY
ASSURED



STABILITY
FOCUSED



SCIENCE
DRIVEN



SAFETY
COMPLIANT



info@nutrasoftchew.com



NutraSoftChew.com

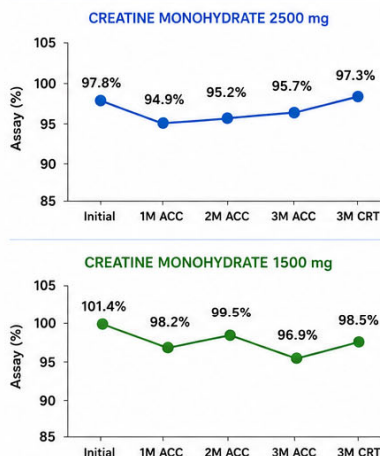


Miami, Florida, USA

NUTRASOFT™ CREATINE SOFT-CHEW STABILITY – TEST PARAMETER OVERVIEW

1

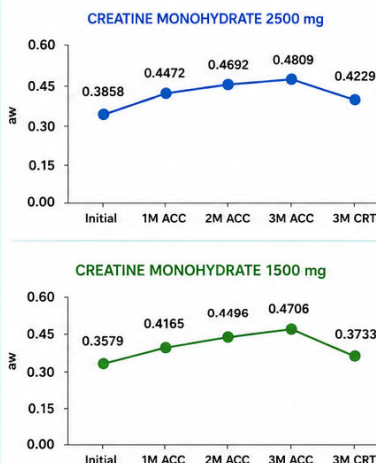
ASSAY (POTENCY RETENTION) % of Label Claim



>95% potency retained after 3 months accelerated and >97% under CRT.

2

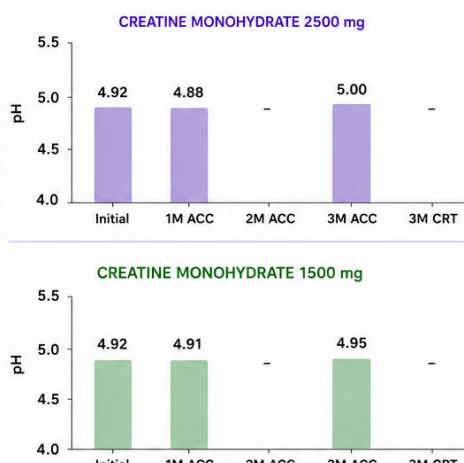
WATER ACTIVITY (aw) Moisture Availability Indicator



Water activity maintained below 0.50 throughout storage – key to creatine stability.

3

pH STABILITY Acidity / Alkalinity Control



pH remained stable within optimal range (≈4.9 – 5.0).



OVERALL
STABILITY
CONCLUSION



>95% Potency retained after 3 months accelerated storage



Water Activity maintained below 0.50, ensuring stability



Stable pH profile throughout storage



Soft-Chew Texture maintained with low hardness & chewiness



Low Friability (<1% at 100 rotations) ensuring mechanical strength

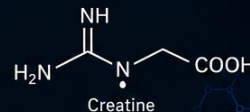
ACC: Accelerated Conditions (40°C ± 2°C / 75% ± 5% RH) | CRT: Controlled Room Temperature (25°C ± 2°C / 60% ± 5% RH) | NA: Not Applicable

All data generated in-house.



REFERENCES & SCIENTIFIC EVIDENCE

Key sources supporting creatine stability, degradation, and formulation science



1

PRIMARY SCIENTIFIC SOURCE



FDA Scientific Source

Romanchak N., Clipp M.J., Tracy T.S.
Creatine Monohydrate.

In: *Dietary Supplements: Toxicology and Clinical Pharmacology.*



Source:
Dietary Supplements:
Toxicology and Clinical Pharmacology

FDA Docket:
FDA-2004-S-0571
Attachment 22

2

INDUSTRY REPORT



Industry Market Evidence



NOW Reports Widespread Failings in Creatine Gummy Tests
Nutraceuticals World

Key Findings:

- Multiple creatine gummy products failed label claims
- Significant creatinine formation detected
- Highlights stability challenges in high-moisture gummy systems



Reference:
Breaking News – Nutraceuticals World

3

PEER-REVIEWED STABILITY STUDY



Peer-Reviewed Stability Research

Uzzan M., Nechrebeki J., Zhou P., Labuza T.P.
Effect of Water Activity and Temperature on the Stability of Creatine During Storage.
Drug Development and Industrial Pharmacy (2009)

Key Findings:

- Lower water activity improves creatine stability
- Elevated temperature accelerates degradation
- Creatine degradation follows first-order kinetics
- Crystalline creatine remains highly stable below deliquescence conditions



DOI: 10.1080/03639040902755197



Scientific references supporting creatine stability, degradation mechanisms, and formulation design considerations for next-generation delivery systems.



SUPPORTING THE DEVELOPMENT OF STABLE HIGH-LOAD CREATINE SOFT-CHEW TECHNOLOGY.

Partner with NutraSoft™

The Next Generation of High-Load Soft-Chew Delivery Technology

*Transforming High-Load Nutraceutical
Delivery Through Advanced
Soft-Chew Technology*



MANUFACTURING LOCATION
**MIAMI, FLORIDA
USA**

OUR VALUE TO YOUR BRAND



**PATENTED
SOFT-CHEW
TECHNOLOGY**



**HIGH ACTIVE
INGREDIENT
LOADING**



**SOFT, PLEASANT
MOUTHFEEL**



**LOW HARDNESS
(<2 KP)**



**EXCELLENT
STABILITY
PERFORMANCE**



**FAST PRODUCT
DEVELOPMENT &
COMMERCIALIZATION**

TECHNOLOGY HIGHLIGHTS



**HIGH-DOSE
NUTRACEUTICAL
DELIVERY**

Engineered to deliver
high levels of active
ingredients in a
compact soft-chew.



**NON-GRITTY
TEXTURE**

Smooth, uniform
matrix for a clean
and enjoyable
chew experience.



**CONSUMER-
FRIENDLY CHEW
EXPERIENCE**

Great taste,
pleasant mouthfeel
and easy to chew
every time.



**SCALABLE
MANUFACTURING
PLATFORM**

Advanced processes
designed for reliability,
consistency and
large-scale production.



**MULTIPLE
INGREDIENT
COMPATIBILITY**

Compatible with a
wide range of actives,
vitamins, minerals
and botanicals.



**PREMIUM
DIFFERENTIATED
DOSAGE FORM**

Stand out on shelf
with a modern,
innovative soft-chew
solution.

**PARTNER WITH
NUTRASOFT™**
Today!



info@nutrasoftchew.com



NutraSoftChew.com



Miami, Florida, USA



**MIAMI,
FLORIDA**



**SCIENCE DRIVEN
INNOVATION**



**QUALITY YOU
CAN TRUST**



**A RELIABLE PARTNER
FOR YOUR SUCCESS**



**DELIVERING VALUE
THAT PERFORMS**