

CORE HANCED™

BioJourney™

**Transform challenging nutrients, lipids & bioactives into
high-performance powders for supplements, foods & beverages.**



Ben Yeap
Chief Innovation Officer





WHAT WE DO

We build enabling technologies to unlock the performance of molecules from nature in formats and in the body.

- Experts in clean-label powders
- U.S.-based manufacturing with growing global footprint
- Trusted partner to both legacy brands and emerging innovators

WHO WE ARE

- Pioneers, entrepreneurs, creators, innovators, manufacturers.
- We are purpose driven.
- What we build matters.
- **We have the opportunity and responsibility to leave this world in a better place than we found it.**

BioJourney™ improves how nutrients & bioactives perform —from formulation through utilization.

Nutrients and bioactives can be limited by poor stability, low solubility, unpleasant sensory characteristics and inconsistent absorption. CoreNhanced™ uses biotechnology to:



**Improve stability,
solubility & function**



**Protect sensitive
nutrients & actives**



**Support controlled,
sustained or precision
release**



**Improve sensory &
application performance**



**Enable more efficient
absorption**

The BioJourney™

A connected technology platform designed to support bioactives from formulation through utilization.



eXoFunction™

The beginning of the journey
Optimizes performance in the
finished product

QD — Quick Disperse
ES — Extended Stability
SO — Sensory Optimized



Shielded BioTransport™

Helps Shield the bioactive
as it moves through
challenging environments

SBT — Shielded BioTransport



BioRelease™

Controlled release in the
digestive process. Supports
the intended timing and
location of release

QR — Quick Release
SR — Sustained Release
DR — Delayed Release

Case Study:
BioJourney™ Creatine





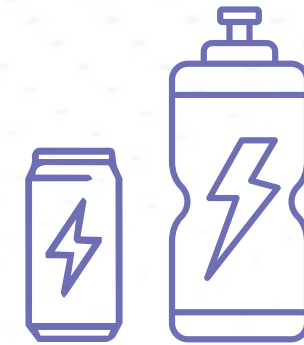
Poor Water Solubility

Limited solubility in aqueous systems can lead to settling, grittiness, and inconsistent dispersion in beverages



Stability Challenges

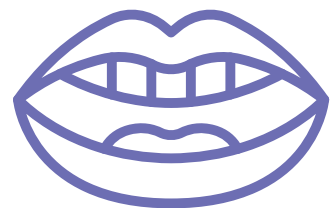
Creatine can degrade into creatinine over time in liquid systems, particularly under low pH, heat, or extended shelf-life conditions



RTD Formulation Limitations

Traditional creatine systems struggle in ready-to-drink applications due to stability and dispersion constraints

Creatine Pain Points



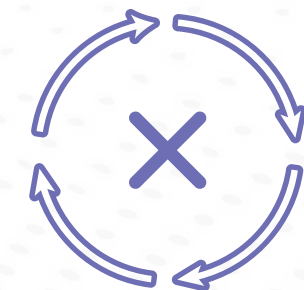
Poor Consumer Experience

Visible settling and sandy mouthfeel negatively impact beverage quality and consumer acceptance



Limited Format Flexibility

Conventional creatine performs poorly across modern formats including beverages, stick packs, and functional powders



Inconsistent Suspension Performance

Rapid sedimentation and uneven distribution can reduce visual uniformity and overall formulation performance



Improved Dispersibility

Disperses more effectively in aqueous systems, helping reduce settling and grittiness in beverages.



Enhanced Stability

Advanced shielding technology helps protect creatine in challenging liquid, low-pH, and extended shelf-life applications.



RTD Formulation Ready

Designed to support improved stability and dispersion in ready-to-drink beverages and other aqueous formats.

BioJourney™ Creatine



Better Consumer Experience

Improved dispersion helps create a smoother mouthfeel, more uniform appearance, and higher-quality drinking experience.



Expanded Format Flexibility

Optimized for functional beverages, ready-to-mix powders, stick packs, and other modern application formats.



Consistent Suspension Performance

Supports more uniform distribution throughout the liquid, with reduced settling and visible separation.

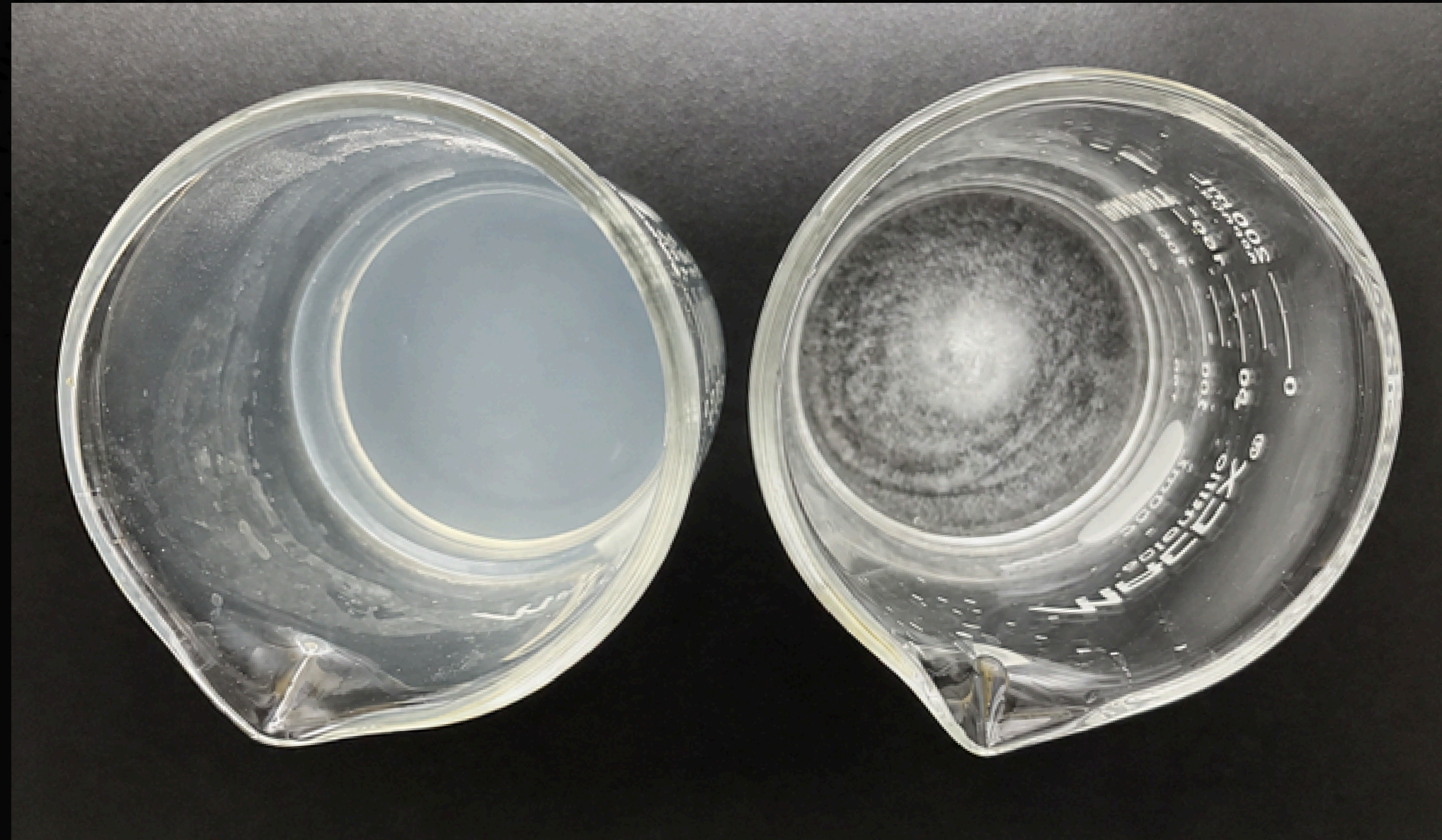
15 minutes makes the difference visible.

BioJourney™ Creatine

Remains evenly
dispersed

Minimal visible
settling

More uniform
appearance



BioJourney™ Creatine

Creatine Monohydrate

Raw Creatine Monohydrate

Distinct sediment
layer

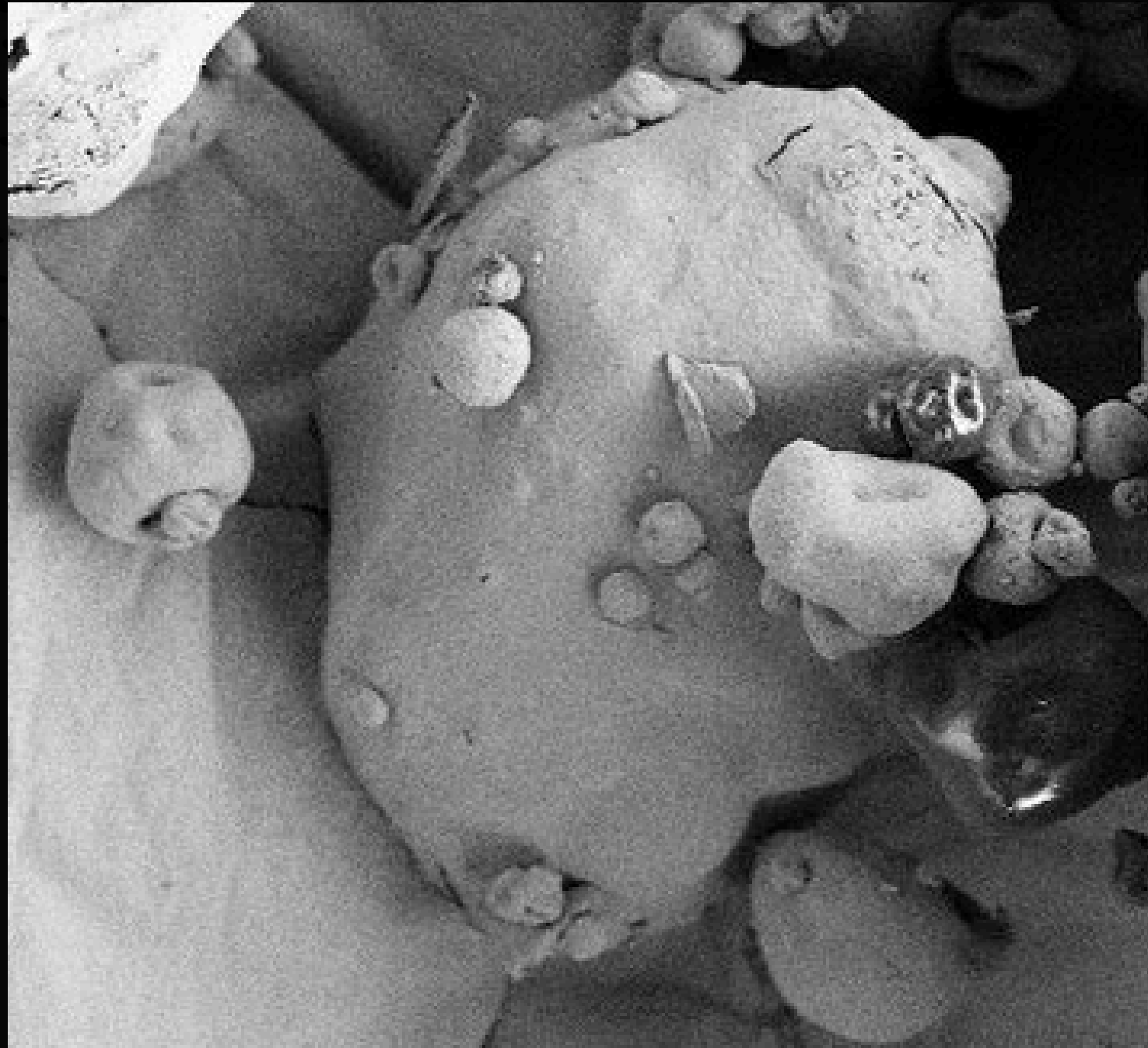
Visible phase
separation

Uneven distribution

Demonstration shown after 15 minutes in water under identical mixing conditions.

The Shielded Particle Behind the Performance

BioJourney™ Creatine



Raw Creatine Monohydrate

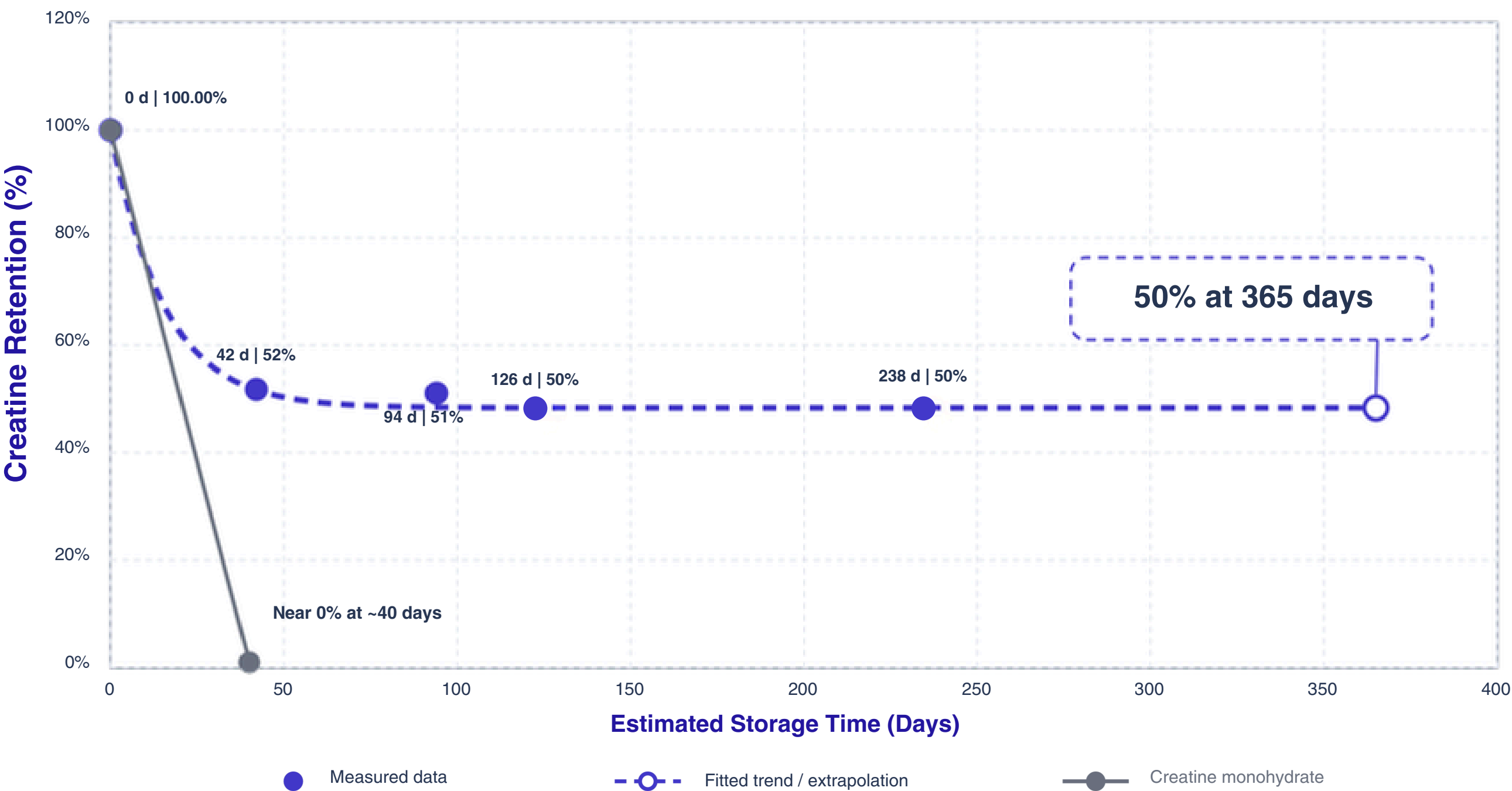


Microscopy reveals a clear difference in particle morphology. BioJourney™ Creatine presents a rounded, shielded structure, while raw creatine monohydrate displays a rigid crystalline form. Separate performance studies demonstrate the resulting stability and dispersibility advantages.



BioJourney™ Creatine Retention Over Estimated Storage Time

Accelerated stability study in an acidic electrolyte sports drink matrix



KEY FINDINGS

50% Retention

BioJourney™ Creatine retained 50% creatine after the equivalent of 365 days.

Higher Stability

BioJourney™ Creatine outperformed RTD creatine competitor* stability at every time point.

**Based on published stability studies from RTD competitor*

The BioJourney™ Difference

Standard creatine monohydrate declined to near 0% within only 40 days.

METHOD

BioJourney™ Creatine data are based on accelerated stability testing converted to estimated equivalent 25°C performance using a 4x degradation-rate assumption.

Markers show measured data through 238 equivalent days; the dotted fitted curve extends to the 48.3% extrapolated value at 365 days. Retention measured by HPLC.

Standard creatine monohydrate is shown for directional comparison only. Test matrix pH ~3.1; accelerated stability performed at 40°C.

100% Creatine Recovery in Gummy Formulations



BioJourney™ Creatine achieved 99% recovery in a pectin system and 100% recovery in a gelatin system under the conditions evaluated.

Gummy System	Target Creatine Loading	Creatine Recovered
Pectin-based	23% by weight	99%
Gelatin-based	21% by weight	100%

ADVANCED SOLUTIONS ACROSS KEY NUTRIENTS



STABILIZED
DISPERSIBLE

Creatine



LOW
BITTERNESS

Berberine



SENSORY
OPTIMIZED

Saw Palmetto



TASTE-
NEUTRAL

Omegas



DISPERSIBLE +
BIOAVAILABLE

CoQ10



SHIELDED +
BIOAVAILABLE

Vitamin C

THANK YOU!



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