who sports extended release?

we do.

n-dur XR™ drink technology base
n-dur XR™ technology

extends nutrient release for up to 6 hours

- great for sports beverages, especially when used with EAAs
- creates an all-in-one pre- and post-workout recovery drink due to the extended release action
- unique, super convenient

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.
who enhances EAAs?

n-dur XR™ drink technology

- after exercise, the muscle recovery process takes place over a period of time
- slowly releasing EAAs over an extended period enables muscle recovery support for a longer time
- EAAs enhanced with Ashland’s n-dur XR™ technology can be combined with other ingredients such as nitric oxide boosters, energy systems and creatine
six hour *in vitro* dissolution of EAAs

with n-dur XR™ in *FaSSIF* pH 6.5

Dissolution profile of EAAs with N-Dur XR technology tracking Leucine, Isoleucine, and Valine for 6hr

- 30 grams of granules (equivalent to 15 grams of EAAs) were dispersed in a shaker bottle with 300 ml of water and mixed with the shaker ball included in the bottle.
- The mixture was vigorously shaken for 30 seconds and the reconstituted amino acid drink was then left standing for 10 minutes to simulate consumer use.
- This reconstituted amino acid drink was later added to 600 ml of fasted state biorelevant media simulating small intestinal fluid (FaSSIF) and tested in a USP Apparatus 2 (paddle).
differentiated solution

n-dur XR™ drink technology

- uses a proprietary process
- made with patented ingredients
- enhanced dispersibility
- easy-to-use powder form
- helps mask unpleasant taste and odor
- customizable composition
- compatible with whey and fruit-based formulations
- vegan
- Kosher and Halal certified

for more information, talk to one of our solvers
always solving™
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