



Avela™ (R)-1,3-Butanediol

For use in energy drinks, sports drinks, bars, and gels

KETOSIS FOR ALL

We believe that everybody—from the committed athlete to the occasional exerciser—deserves to experience the mind- and body-boosting benefits of ketosis. Avela™ natural (R)-1,3-Butanediol is a palatable, affordable, and effective ketogenic ingredient, offering an easy and accessible way to raise β -hydroxybutyrate (BHB) levels.

NATURAL ENERGY FOR YOUR PERFORMANCE LIFESTYLE

Avela™ is made via a proprietary and sustainable fermentation process using natural plant sugar and is purified in a cGMP facility in the United States. It is enantiomerically-pure (R), plant-derived, and easy to formulate for food and nutrition products. Formulators now have the power through Avela™ to unlock ketosis for consumers previously out of reach.



Benefits

- Raises BHB Levels
- Biologically Effective R Enantiomer
- Plant-based + Sustainable
- GRAS Affirmed*
- Easy to Formulate into Food + Beverage

PROPERTIES		CHARACTERISTIC	LIMIT
Product Form	Liquid	Purity (%)	Min 99.7
Trade Name	Avela™	Chiral Purity (%)	Min 99.0
Chemical Name	(R)-(-)-butane-1,3-diol	Color (Pt-Co)	<10
IUPAC Name	butane-1,3-diol	Specific Gravity at 20°C	1.004-1.006
CAS-No.	6290-03-5	Water (% wt.)	Not more than 0.5
EC Number	228-532-0	Acid Value (mg KOH/g)	Not more than 0.5

*Self-GRAS affirmed for use in energy drinks, sports drinks, bars, and gels.

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