



# Beetroot

*Beta vulgaris*

CARDIO

<b>Botanical / Latin name</b>	Beta vulgaris
<b>Category</b>	Cardio
<b>Standardisation</b>	Nitrates - 2% (also 0.3% betanin) by HPLC.
<b>Marker compound</b>	Nitrates / betalains (method: HPLC / UV-Vis (nitrate & betalain/betanin))
<b>Available grades</b>	2% nitrate (some 4%); 0.3% betanin or ~0.8% betalains; 10:1 / 20:1 native extracts
<b>Available forms</b>	Dry
<b>Solubility &amp; grades</b>	Water-soluble powder. Grades: 2% nitrate, 0.3% betanin, 10:1/20:1 native.
<b>Applications</b>	Sports/nitric-oxide pre-workouts, cardiovascular supplements and natural red colorant.
<b>Appearance</b>	Fine powder (typical); varies by form
<b>MOQ</b>	On request
<b>Shelf life</b>	24 months (typical)
<b>Packaging</b>	HDPE drums, food-grade liners
<b>Lead time</b>	2-4 weeks
<b>Certifications</b>	GMP Certified, ISO 9001:2015, NABL tested, FSSAI compliant
<b>Typical potency</b>	Typical 2% (range 2-4%) confidence: high

**Custom standardisation, ratios, particle size and packaging available to your specification.**

Request a quote or a sample with batch COA - we reply within 24 hours.