MORE THAN JUST A PROTEIN BAR

endurance, and everyday wellness. bar - it is a crafted, clean energy snack that is performance-boosting beetroot to fuel recovery, powered by antioxidant-rich raspberries and Raspberry Protein Bar is more than just a protein The Muscle Nation CUSTARD Beetroot and

transparency in food products. who value both taste and nutritional mind - this protein bar is for all active individuals Designed with the **health conscious consumer** in

simplify the lengthy and complex ingredient -The purpose of this product is to reduce and the ingredients they are consuming. users should be able to identify and pronounce

unnecessary additives and fillers - solving essential and natural ingredients, leaving out the delivering more than 15g of protein - without the and tart from the natural ingredients, whilst transparency and the extensive ingredient lists consumer problems relating to ingredient and Raspberry Protein Bar only uses the most brand, Muscle Nation, the flavour is New-to-theis a line extension from the popular supplement Although the Beetroot and Raspberry Protein Bai found on the majority of protein bars. "**protein-y" and artificial taste**. The Beetroot The flavour offers a unique combination of sweet World - taking inspiration from Chef, Lei Shang.



MUSCLE NATION

BEETROOT AND PROTEIN BAR RASPBERRY

more than just a Protein Bar

Raspberry Filling



ENVIRONMENTAL IMPACT

circular economy, transforming food waste into a conscious effort to minimise environmental freshness. Together, these choices reflect a and a thin, food safe internal layer that preserves the Protein Bar packaging is developed from paperwhey as the protein source, actively supporting the disposal of whey, the cheese industry has been comply with environmental legislations relating to 24,000,000 tonnes of cheese, resulting in designed with sustainability as a core constraint based materials. It features a recyclable outer layer functional and valuable nutrient. Along with this, The Protein Bar repurposes this ingredient by using looking to repurpose the cheesemaking byproduct. the ethical and environmentally responsible approximately 21,600,000 tonnes of whey! To Ramos et al. (2021), the world produces around Factory - a local dairy producer. According to protein) is sourced from the <u>Robertson Cheese</u> packaging. The primary protein source (whey relating to both the product itself and its The Beetroot and Raspberry Protein Bar has been

EXTENSIVE VALUE & QUALITY

nutrition (Ajmera, 2020.) added health benefits in addition to being a source of functional foods - meaning that these foods provide ingredients; raspberries and beetroot are considered bar contains functional ingredients. The two featuring the others within the saturated health food market, the extends beyond cost. To set this protein bar apart from The value of the Beetroot and Raspberry Protein Bar

et al., 2024.) disease through their ability to reduce the risk of also contribute to fighting obesity and obesity related by the muscles after intensive exercise - therefore Health Benefits of Raspberries, 2022.)), polyphenols due to their rich levels of nutrients (including vitamin A, carcinogenesis - the development of cancer cells (Azzini recovery and muscle repair. The antioxidant compounds reducing fatigue, soreness and increasing rate of the oxidative stress and inflammation that is produced The bioavailable antioxidants found in raspberries target inflammatory properties (Golovinskaia & Wang, 2021.) phytochemicals, which contain antioxidant and anti-(including ellagic acid and anthocyanins) and C and E, potassium, folate and magnesium etc (The Raspberries are widely recognised as a functional food

the present betalains (betanin) and nitrates. Chen et al. increasing attention relating to its function, especially vitamin C content. The beetroot has been receiving damage and reducing LDL. The antioxidant and antinitrative stress (just like raspberries) by preventing DNA (2021) explains how betalins eliminate oxidative and valued for its fibre, folate, vitamin B9, magnetism and and improved energy expenditure (Chen et al. 2021.) flow and oxygen efficiency - releasing to reduced fatigue to enhance physical performance by improving blood inflammatory properties of beetroot are also suggested associated with many health benefits - particularly Beetroot is another natural functional food that is