



NEWS RELEASE

## **CULT Food Science Announces Nutritional Validation of Patent Pending Cultivated Pet Food Ingredient Bmmune® for Gut Health**

***Independent lab analysis shows postbiotic content of its cultivated ingredients are three times that of plant-based sources***

Toronto, Ontario, July 20, 2023 / CNW / CULT Food Science Corp. (“CULT” or the “Company”) (CSE: CULT) (OTC: CULTF) (FRA: LN0), a pioneer in the investment, development, and commercialization of cellular agriculture technologies and products, has announced further results of third-party nutritional testing of its initial cultivated pet food ingredient, Bmmune®. New results show postbiotic material – vital for gut health, digestion and immunity in dogs – in its cultured ingredients to be superior to plant-based sources.

The laboratory results show Bmmune®, CULT’s patented cultivated ingredient, is rich in polyphenols, which are found in fruits and other plant-based sources. Apples, pears and berries contain about 200 to 300 mg of polyphenols per 100 grams of fresh fruit. In comparison, Bmmune® contains 1,000 mg of polyphenols per 100 gram serving.

Polyphenols are naturally occurring compounds that dogs and cats do not digest directly. The polyphenols consumed in whole foods are broken down by intestinal bacteria, which then produces healthy by-products like short-chain fatty acids.

Polyphenols have been shown to be effective in fighting inflammation, rebalancing a dog or cat’s intestinal health, reducing oxidative stress and even, research suggests, reduce bacteria activity related to cancer.

Bmmune® is a patented blend of high-protein nutritional yeast and fermentation products, and is the foundational ingredient in CULT’s groundbreaking Noochies! Cultivated Pet Food brand.

CULT has developed Bmmune® to provide unique and lasting benefits to both dogs and cats. It has focused on gut health and digestion, immunity and longevity – using bioscience to create a food that will help pets live longer lives without the stress of chronic health issues.

In addition to its pet health benefits, Bmmune® is a low-input ingredient – made without extensive usage of arable land, fresh water and carbon-emitting farmed animals or equipment. The recent studies on its protein and amino acid profiles reaffirm it is a premium sustainable protein.

## **Management Commentary**

“Forget long ingredient lists or multiple supplements: Bmmune®, with its fermented and cultivated proteins, is the single ingredient which can provide all 10 amino acids and impressive gut health benefits to dogs,” said Joshua Errett, VP of Product at CULT.

“As a cultured protein, Bmmune yeast was able to be developed to meet very specific nutrient targets, providing not only an excellent amino acid profile, but other non-essential beneficial nutrients. It’s more than ‘just’ a great protein source, Bmmune is also a functional ingredient intentionally designed to promote the health of dogs consuming it” said Dr. Sarah Dodd, BVSc, MSc, PhD, DECVCN.

## **About CULT Food Science**

CULT Food Science Corp. is the first publicly-traded company of its kind in North America, pioneering the investment, development, and commercialization of cellular agriculture technologies and products. Through its global portfolio of companies and its venture studio, CULT Food Science provides investors with unprecedented exposure to the most innovative start-up, private or early-stage cultivated meat, cell-based dairy, and other cultured food companies around the world.

**Additional information can be found by viewing the Company's website at [cultfoodscience.com](http://cultfoodscience.com) or its regulatory filings on [sedar.com](http://sedar.com).**

**On behalf of the Board of Directors of the Company,**

**CULT FOOD SCIENCE CORP.**

**"Lejly Gafour"  
Lejly Gafour, Chief Executive Officer**

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## **Forward-Looking Information:**

Information set forth in this news release may involve forward-looking statements. Forward-looking statements are statements that relate to future, not past, events. In this context, forward-looking statements often address a company's expected future business and financial performance, and often contain words such as "anticipate", "believe", "plan", "estimate", "expect", and "intend", statements that an action or event "may", "might", "could", "should", or "will" be taken

or occur, or other similar expressions. By their nature, forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements, or other future events, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Such factors include but are not limited to the following risks: those associated with marketing and sale of securities; the need for additional financing; reliance on key personnel; the potential for conflicts of interest among certain officers or directors with certain other projects; and the volatility of common share price and volume. Forward-looking statements are made based on management's beliefs, estimates and opinions on the date that statements are made and except as required by law, the Company undertakes no obligation to update forward-looking statements if these beliefs, estimates and opinions or other circumstances should change. Investors are cautioned against attributing undue certainty to forward-looking statements. For further information on risk, investors are advised to see the Company's MD&A and other disclosure filings with the regulators which are found at [sedar.com](http://sedar.com).

**SOURCE: CULT Food Science Corp.**