TLC PurePlant Protein

Heritage Vanilla Bean Spice

LOT NUMBER	ONE SERVING	TESTED BY	LAB REPORT
2628802	30 g (2 scoops)	University of Guelph AFL	26-097331 · Nov 13, 2026

All four heavy metals are below our benchmarks at one serving per day.
Checked at one serving per day: 30 g (2 scoops), the serving size on your bag. Benchmarks are daily amounts, so each extra serving adds the same amount again.

What the results show

Metal	Lab result (ppm)	In one serving (30 g)	Our benchmark (per day)	Share of benchmark used by one serving	Our check
Lead	< 0.0040	**< 0.12 µg**	**0.5 µg** California Prop 65 (MADL)	up to 24%	PASS
Cadmium	0.037	**1.1 µg**	**4.1 µg** California Prop 65 (MADL, oral)	27%	PASS
Arsenic*	0.013	**0.39 µg**	**10 µg** California Prop 65 (NSRL, inorganic, oral)*	3.9%	PASS
Mercury†	< 0.0040	**< 0.12 µg**	**6 µg** U.S. EPA methylmercury reference dose, 60 kg adult†	up to 2.0%	PASS

Why cadmium shows up: cadmium occurs naturally in soil and is taken up by plants, so it is commonly found at low levels in pea-based foods. Pea protein is the likely source here.

Microbiology

Test	Result	What it means
Salmonella	**Negative**	Not detected in the sample tested
Aerobic plate count	**40 cfu/g**	A general measure of how many bacteria are present
Yeast	**< 50 cfu/g**	Lab result: less than 50 cfu/g
Mold	**< 50 cfu/g**	Lab result: less than 50 cfu/g

cfu/g = colony-forming units per gram, a count of live microorganisms. Tested by AFL (methods MID-103, MID-217 and MID-129, based on Health Canada Compendium methods).

How to read this

• **ppm** means parts per million: micrograms (µg) of metal per gram of powder. **In one serving** = ppm × 30 g, rounded to two significant figures.
• **"<"** means "less than." A lab result of "< 0.0040" means less than 0.0040 ppm. It does **not** mean zero. The bar uses that number, so "up to" means that amount or less.
• **Share of benchmark** shows how much of the daily benchmark one serving would use. Shorter is better.

About the benchmarks

California Proposition 65 sets "safe harbor" daily amounts, among the strictest in North America. We compare one serving per day against them as a screening check. This is not a Prop 65 compliance certification. These limits are not a Canadian legal requirement; we use them voluntarily.

*** Arsenic:** the lab measures *total* arsenic. The benchmark is for *inorganic* arsenic, which is part of the total, so this comparison is conservative.

† **Mercury:** Proposition 65 has no published safe-harbor number for mercury, so we use the U.S. EPA reference dose for methylmercury (0.1 µg per kg of body weight per day; 6 µg/day for a 60 kg adult). The lab measures total mercury.

Testing laboratory: Agriculture and Food Laboratory, University of Guelph, 95 Stone Rd West, Guelph, ON. Method TOXI-064, ICP-MS analysis of metals in foods, is listed on the University of Guelph's ISO/IEC 17025 scope of accreditation with the Standards Council of Canada. The lab also measured 16 other elements, including naturally occurring minerals such as magnesium, iron and zinc; see the lab summary for this lot. Results apply to the sample tested. Per-serving amounts and benchmark comparisons are calculated by TLC NeuroMicrobiome Labs Inc., not by the laboratory. Complete laboratory report available on request.