

Testing Guide

Biological product analysis protocol- available analyses, sample collection and submission details

Available Analysis

Analysis	Price	Turnaround
pH analysis	\$20	1 week
pH analysis and CFU counting	\$250	2-3 weeks
Biological Product Analysis	\$750	Approximately 6 weeks
Biological Product Analysis + CFU Counting	\$900	Approximately 6 weeks

About Each Analysis

pH analysis: pH should range between 5.0 - 8.0 to allow for sufficient environmental conditions to promote and support a healthy and diverse microbiome.

CFU count: CFU counts are carried out to isolate and quantify the viable microorganisms present in a biological product. This test is suitable for the analysis of simple microbial products that contain no more than 1–5 different species of live microbes.

Biological product analysis: DNA metabarcoding is conducted to profile the microbial community in a bacterial or fungal product and determine the percentage abundance of viable microbes. This test is used to analyse complex products when the concentration of viable microbes is required, or where a simple product contains species that are not easily cultured.

NOTE: Biological Product Analysis is not suitable for composts or compost-adjacent samples. Refer to compost sample specific guide for further recommendations.

Sampling Guide

Biological product analysis protocol- available analyses, sample collection and submission details

Collecting Samples

- 1 Collect a representative 250 mL sample after thoroughly shaking or stirring the product. Transfer into a clean, sealed container free from contamination or residues. A new, emptied water bottle is suitable.

Packaging & Labelling

- 2 Clearly label the container with the product name, client details, contact number, email address and sampling date. Secure the lid with tape to prevent leakage during transport.

Provide Product Details

- 3 Provide all available information about the product, including the product label, suspected microbial composition, additives, intended use and storage conditions. Please do not disclose the product trade name.

Register Sample Online

- 4 Upload all required sample details into Metagen's sample submission portal before the sample arrives at the laboratory.

Send the Sample

- 5 Send sample via express post to the address below, early in the week to avoid sample being held in post over weekends.

Receiving & Paying Invoices

- 6 Invoices are issued once results are ready. On rare occasions where sample cannot be processed due to its properties, we do not charge for samples.
-

SUBMIT ONLINE

Lab Portal

Submit your sample and required information here:
metagenlab.au →

POST TO

Metagen Lab

Metagen Laboratory
98 Chadwick Road
Gatton QLD 4343

CONTACT US

Lab Manager

Jade Mathews
M: 0459 363 465
E: jade@metagen.com.au