

## Hemp base material — fertiliser analysis

Independent laboratory analysis of the hemp hurd base used across the My Healthy Hemp animal-bedding range. Provided for commercial buyers evaluating spent-litter nutrient value.

<b>Testing laboratory</b>	NATA-equivalent independent analytical laboratory, Australia
<b>Report reference</b>	Project reference on file — Report No. 1
<b>Date of issue</b>	25 July 2025
<b>Date received</b>	17 July 2025
<b>Date of sampling</b>	15 July 2025
<b>Matrix / source</b>	Hemp hurd, pelletised sub-sample
<b>Sample condition</b>	Acceptable
<b>Released by</b>	Laboratory Operations Manager (signed original on file)

### RESULTS

Results on an “as received” basis.

Parameter	Method	Units	Result
Moisture content	Oven dry	%	8.83
pH (1:5 in water)	Electrode	pH units	7.28
Electrical conductivity	Electrode	dS/m	0.93
Organic carbon	LECO	%	34.7
Organic matter	Calculated	%	60.9
C / N ratio	Calculated	—	37.7
Total nitrogen (N)	LECO	%	0.92
Total phosphorus (P)	HNO <sub>3</sub> /HClO <sub>4</sub> ICP	%	0.21
Total potassium (K)	HNO <sub>3</sub> /HClO <sub>4</sub> ICP	%	0.49
Total calcium (Ca)	HNO <sub>3</sub> /HClO <sub>4</sub> ICP	%	0.87
Total magnesium (Mg)	HNO <sub>3</sub> /HClO <sub>4</sub> ICP	%	0.15
Total sulphur (S)	HNO <sub>3</sub> /HClO <sub>4</sub> ICP	%	0.11
Total sodium (Na)	HNO <sub>3</sub> /HClO <sub>4</sub> ICP	%	<0.05
Chloride (soluble)	Discrete analyser	%	0.07
Total copper (Cu)	HNO <sub>3</sub> /HClO <sub>4</sub> ICP	mg/kg	2.39
Total zinc (Zn)	HNO <sub>3</sub> /HClO <sub>4</sub> ICP	mg/kg	20.3
Total manganese (Mn)	HNO <sub>3</sub> /HClO <sub>4</sub> ICP	mg/kg	109
Total iron (Fe)	HNO <sub>3</sub> /HClO <sub>4</sub> ICP	mg/kg	298
Total boron (B)	HNO <sub>3</sub> /HClO <sub>4</sub> ICP	mg/kg	14.1

**About this report.** Issued by an independent analytical laboratory in Australia. The full original report is held by Terrapura and available to qualified commercial buyers on request.

**Scope.** Results characterise the hemp hurd base material used in the My Healthy Hemp bedding range. Composition of spent litter will vary with stocking density, ration, ventilation and bedding-change cycle.

**Re-use of results.** Per the issuing laboratory: results apply to the sample as submitted. This report shall not be reproduced except in full without the written approval of the laboratory.