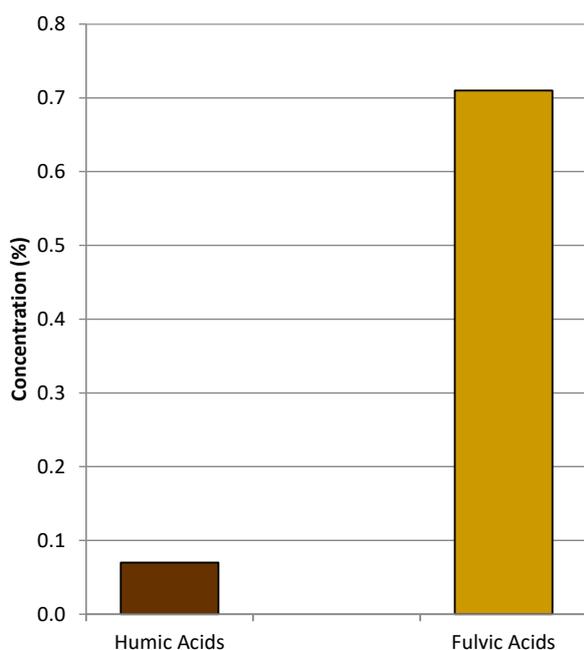


## Humic - Fulvic acid Test

<b>Client name</b>	Microtek Organics - Alex Girke	<b>Sample Received</b>	10/09/20
<b>Crop</b>	Liquid	<b>Tests ordered</b>	HWSE
<b>Crop Age (weeks)</b>	Not Specified	<b>Agent</b>	Microbe Labs Australia
<b>Sample ID</b>	Humate	<b>Authorised by</b>	
<b>Sample Date</b>	09/09/20	<b>Analysis no.</b>	002640- 2      HWSE

### Test - Humic and Fulvic Acids



Results (%)	
Humic Acids	Fulvic Acids
0.07	0.71

#### Comments

The concentration of humic acids in this sample was 0.07%. The concentration of fulvic acids was 0.71%. Humic acids are known to be large and complex molecules, which makes them less susceptible to microbial degradation. Fulvic acids are known to be chemically reactive with a high nutrient exchange capacity, which makes them ideal for nutrient transfer to the plant.

**Explanations.** This test measures the concentration of Humic and Fulvic acids per gram of sample material by the California Dept. of Food and Agriculture Method # HA4/JC. Humic substances in the form of humins, humic acids and fulvic acids are a common component in soil, water, compost, peat, and in carbon containing minerals such as brown coals, low grade lignites, and leonardites. The content could vary according to the method used for quantification. Practices such as crop rotation, using balanced fertilization programs, planting legumes, plowing under green manures, returning organic matter to the land, application of compost, and using minimum tillage practices can all help build humus. Any production practice which damages the activities of living components of the soil should be avoided.

Analysis by Microbiology Laboratories Australia Pty Ltd ACN 145 073 481. The information in this report should be used under consideration of particular production conditions. The guide levels are derived from published data and ongoing research carried out by Microbiology Laboratories Australia. They are intended as a general guide only and do not take into account your specific conditions. Comparison of results with those obtained using other methods may be inaccurate, as accurate interpretation relies on specific sampling and analysis methods. Microbiology Laboratories Australia and its employees or agents will not be liable for any loss or damage arising from the use of the information supplied in this report. Please seek specific guidance and recommendations from a qualified compost and/or agriculture professional.