



16/07/2024

Report number: AUT014_23_25

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Gunnar,

Recognisability test, final report for Succuir Tanning Intermediate compost - using Authenticae Method 003 (AUM003): 2022

Ground up test piece (300 g) was composted (as per the method for ISO 20200: 2023) for 84 days (or until the compost was determined to be mature, Rottegrad IV). The final compost was corrected to 55% moisture content, held at 25°C, and then examined using the AUM003: 2022 method for the criteria tabulated below:

Test requirement	Detail		
Test code number:	AUT014		
Test piece description:	Succuir Tannage Intermediate		
Test method used:	84 days at 58°C in industrial-scale compost (ISO 20200: 2023)		
Observations of test pieces*	Observation	Positive Change	Negative
	Colour	Shade 4.5, Dark	
	Colour transfer	No colour transfer to compost	
	Fragments?	No visible fragments	
	Homogeneity	Uniform, some long shards	
	Texture	Vegetable matter, and dust	
	Moisture?	Good level, neither dry/wet	
	Smell	Normal humic smell	
Mark with an "X" whether this compost is recognisable to a lay-person as a compost			
Recognisable	X	Not recognisable	

* Details on how these observations are made are detailed in AUM003: 2022.

After composting the appearance of the material plus synthetic compost produced a synergistic blend that had a dark richness, even texture consistent with commercially available compost. The compost fragments were homogeneous with no visible signs of plastic, or foreign fragments. Smell and moisture was consistent with commercially available composts.


Many thanks. Karl Flowers, Technical Director

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Appendix: Images



Figure 1: Test pieces at the start of the test.

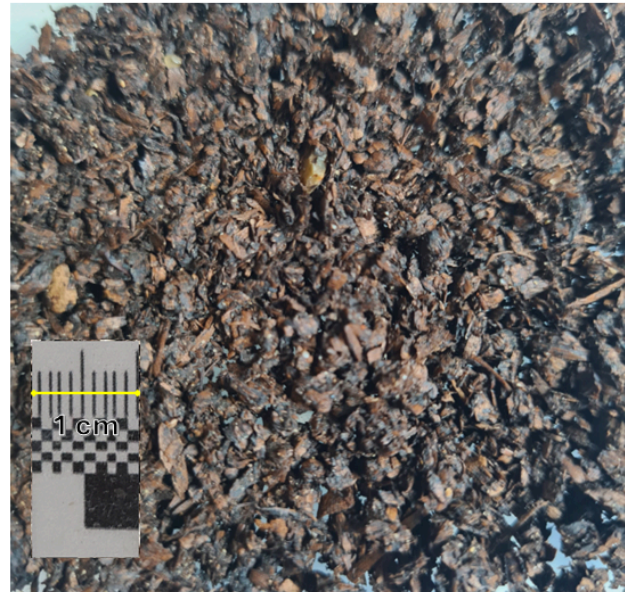


Figure 2: Compost after 84-days (dried).

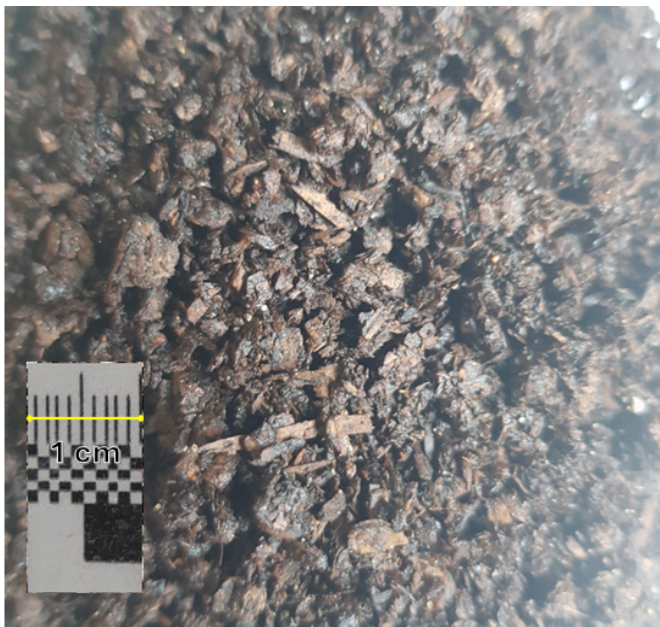


Figure 3: Low magnification for AUM003: 2022.

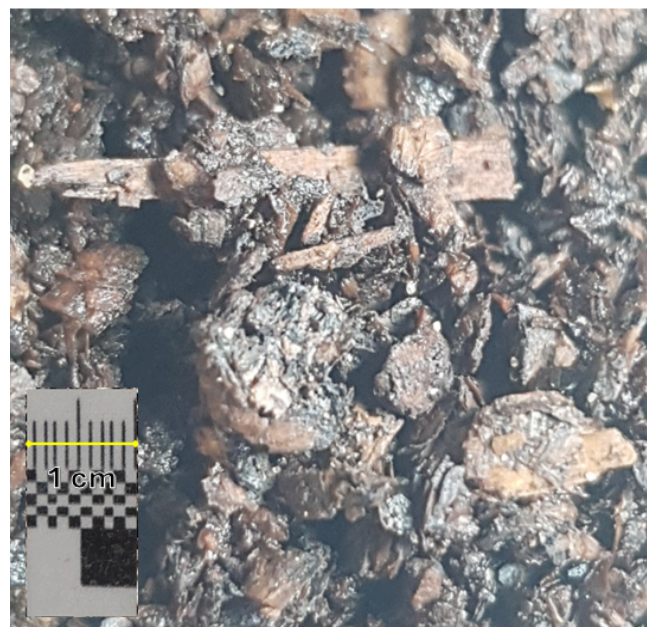


Figure 4: High magnification for AUM003: 2022.