



Compost Technical Data Sheet

STA Certified™
COMPOST

A program of the US Composting Council

Contact Info

Product	HoCoGro
Company	Howard County DPW
Facility	Alpha Ridge Landfill
Facility Telephone	+1.4103136419
Facility Location	2350 MARRIOTTSVILLE RD, MARRIOTTSVILLE, Maryland, 21104, United States of America
Lab Name	AgroLab Inc.
Lab Location	101 Clukey Dr, Harrington, 19952, Delaware, United States of America
Date/Time Sample Mailed	2025-07-23 13:45:48 (UTC)
Date/Time Sample Received	2025-07-24 20:00:00 (UTC)
Date/Time Result Reported	2025-08-19 19:42:11 (UTC)

Customer, in order to guarantee that you are using the same product represented in this technical data sheet, check to make sure the product and manufacturer match this CTDS on the delivery ticket and invoice for your project. [Click here to view the Product on the current list of STA Certified Compost Participants.](#)

Test Results Excluding Nutrients

Compost Parameters	Reported as	Test Results		TMECC Method
		Wet Weight	Dry Weight	
Moisture Content	%	34.53	N/A	03.09-A
Organic Matter Content	%	33.06	50.49	05.07-A
pH	pH Units	7.90		04.11-A
Soluble Salts (electrical conductivity EC ₅)	dS/m (mmhos/cm)	1.72		04.10-A
Particle Size - 3/8" (9.5 mm)	% passing	N/A	100.00	02.02-B
Stability Indicator (<i>respirometry</i>)				
CO ₂ Evolution	mg CO ₂ -C/g OM/day	N/A	1.40	05.08-B
Maturity Indicator (<i>bioassay</i>)				
Percent Emergence	average % of control	100.00		05.05-A
Relative Seedling Vigor	average % of control	100.00		05.05-A
Select Pathogen				
Fecal Coliform	MPN / gram	N/A		07.01-B
Salmonella	MPN / 4 grams	N/A	0.0 (PASS) ¹	07.01-B
Trace Metals	PASS ²		As, Cd, Cr, Cu, Pb, Hg, Ni, Se, Zn	04.06
¹ Per US EPA Class A standard, 40 CFR § 503.32(a)				
² Per US EPA Class A standard, 40 CFR § 503.13				

Directions For Product Use

HoCoGro Compost

HoCoGro Compost is a 100% organic soil amendment made locally from yard trim, grass clippings, leaves, post-consumer food scrap, and horse manure. It is registered by the Maryland Department of Agriculture and is a participant in the US Composting Council's Seal of Testing Assurance program. The latest lab results are available on the Alpha Ridge Landfill webpage.

Directions for Use

Top Dressing of Lawns

Mow lawn to normal height. Spread approximately 1/4" of compost across existing turf. In areas where grass blades have been covered and do not stand, rake area to uncover lawn. For best results aerate lawn before spreading compost.

Soil for Planters, Perennials, Trees and Shrubs

Mix compost (one part by volume) into planter soil (two parts by volume). Mix thoroughly. For best results, check soil pH and adjust for plant's preferred pH.

Garden Preparation

Spread compost up to 2" thick over area requiring soil amendment. Till compost into soil to a depth of 4" to 6" deep to create consistent soil. For best results, check pH and nutrients with a soil analysis and adjust per recommendations. Do not plant seeds or seedlings directly into compost.

Note: The USCC will not assess whether or not, or to what extent, these directions are appropriate. It is the Compost Manufacturer's responsibility alone to ensure that they are.

Feedstock

This compost product is made from the following feedstock(s): Yard Waste (Green Waste), Manure - Horse, Food Scraps.

Test Results Including Nutrients

Compost Parameters	Reported as	Test Results		TMECC Method
		Wet Weight	Dry Weight	
Plant Nutrients				
Nitrogen	%	0.80	1.22	04.02-D
Phosphorus	%	0.27	0.42	04.03-A
Potassium	%	0.62	0.95	04.04-A
Calcium	Ca %	4.85	7.41	04.05-CA
Magnesium	Mg %	0.50	0.76	04.05-MG
Moisture Content	%	34.53	N/A	03.09-A
Organic Matter Content	%	33.06	50.49	05.07-A
pH	pH Units	7.90		04.11-A
Soluble Salts (electrical conductivity EC ₅)	dS/m (mmhos/cm)	1.72		04.10-A
Particle Size - 3/8" (9.5 mm)	% passing	N/A	100.00	02.02-B
Stability Indicator (<i>respirometry</i>)				
CO ₂ Evolution	mg CO ₂ -C/g OM/day	N/A	1.40	05.08-B
Maturity Indicator (<i>bioassay</i>)				
Percent Emergence	average % of control	100.00		05.05-A
Relative Seedling Vigor	average % of control	100.00		05.05-A
Select Pathogen				
Fecal Coliform	MPN / gram	N/A		07.01-B
Salmonella	MPN / 4 grams	N/A	0.0 (PASS) ¹	07.01-B
Trace Metals	PASS ²		As, Cd, Cr, Cu, Pb, Hg, Ni, Se, Zn	04.06
¹ Per US EPA Class A standard, 40 CFR § 503.32(a) ² Per US EPA Class A standard, 40 CFR § 503.13				

Supplemental Sheet

Compost Parameters	Reported as	Test Results		TMECC Method
		Wet Weight	Dry Weight	
Particle Size				
Particle Size - 2" (50.8 mm)	% passing	N/A		02.02-B
Particle Size - 1" (25.4 mm)	% passing	N/A	100.00	02.02-B
Particle Size - 3/4" (19.05 mm)	% passing	N/A		02.02-B
Particle Size - 5/8" (15.875 mm)	% passing	N/A		02.02-B
Particle Size - 1/2" (12.7 mm)	% passing	N/A		02.02-B
Particle Size - 3/8" (9.5 mm)	% passing	N/A	100.00	02.02-B
Particle Size - 1/4" (6.35 mm)	% passing	N/A		02.02-B
Particle Size - 1/8" (3.175 mm)	% passing	N/A		02.02-B
Contaminants				
Total Physical Contaminants	%	N/A	0.00	02.02-C
Film Plastic	%	N/A	0.00	02.02-C
Sharp Physical Contaminants	%	N/A	NOT DETECTED	02.02-C
Trace Metals				
Arsenic	As mg/Kg	N/A	1.7 (PASS)	04.06
Cadmium	Cd mg/Kg	N/A	0.2 (PASS)	04.06
Chromium	Cr mg/Kg	N/A	8.4	04.06
Copper	Cu mg/Kg	N/A	29.9 (PASS)	04.06
Lead	Pb mg/Kg	N/A	5.8 (PASS)	04.06
Mercury	Hg mg/Kg	N/A	0.0 (PASS)	04.06
Nickel	Ni mg/Kg	N/A	7.8 (PASS)	04.06
Selenium	Se mg/Kg	N/A	0.5 (PASS)	04.06
Zinc	Zn mg/Kg	N/A	91.2 (PASS)	04.06
Total Solids	%	65.47	N/A	03.09
C:N Ratio	ratio	24.00:1		05.02-A
¹ Per US EPA Class A standard, 40 CFR § 503.32(a) ² Per US EPA Class A standard, 40 CFR § 503.13				

For additional information pertaining to compost use, the specific compost parameters tested for within the Seal of Testing Assurance Program, or the Program in general, log onto the US Composting Council's website at <https://www.compostingcouncil.org>.

Participants in the United States Composting Council's Seal of Testing Assurance Program have shown the commitment to test their compost products on a prescribed basis, and provide this date, along with compost and use instructions, as a means to better serve the needs of their compost customers.

This compost product has been sampled and tested as required by the Seal of Testing Assurance Program on the United States Composting Council (USCC) using certain methods from the 'Test Methods for the Examination of Compost and Composting' manual. Test results are available upon request by contacting the compost producer (address at top of this Compost Technical Data Sheet). The USCC makes no warranties regarding this product or its content, quality, or suitability for any particular use. Nutrients data are for informational purposes only and do not constitute, in part or whole, a guaranteed analysis.