



- CERTIFICATE of ANALYSIS -

<b>Product Name:</b>	AGT-L50 Livestock Trace Mineral Complex	<b>Product Number:</b>	LAD10FA100R
<b>Country of Origin:</b>	United States	<b>Batch Number:</b>	<b>25139</b>
<b>Handling Instructions:</b>	See SDS attached	<b>Date of Manufacture:</b>	5/19/2025
<b>Laboratory FDA Registration Number:</b>	14353128308	<b>Retest Date:</b>	05/2030
<b>Mineral Logic FDA Registration Number:</b>	18395658198	<b>Lab Report Numbers:</b>	277642-01, 4943407-0, 25E0473-01
<b>Packaging:</b>	1/20/1000 Liters or 1/30/55/275 Gallons	<b>Test Completion Date(s):</b>	6/2/2025, 5/30/2025, 6/16/2025

Physical Data:	Specification	Result	Per Unit	Method
pH	2.8-4.5	3.60	N/A	EPA 150.1
SG=Specific Gravity (G/CC)	1.02-1.09	1.04	G/CC	Modified USP <841>
Sample Type:	Liquid	Complies	N/A	Physical/Visual
Fulvic Acid: (%)	3.5-6	5.09	%	ISO 19822
Sorbic Acid: (%)	0.05-0.25%	0.0585	%	ISO 5519:2008

Minerals	Specification ppm	Result	Per Unit	Method
Calcium	100 – 1,500	163	ppm	ICP-OES USP <730>
Iron	1,500 – 7,500	2,320	ppm	ICP-OES USP <730>
Magnesium	50 -1,500	202	ppm	ICP-OES USP <730>
Sodium	1,000 - 8,000	4,630	ppm	ICP-OES USP <730>
Sulfur	5,000 - 11,000	8,210	ppm	ICP-OES USP <730>

Heavy Metals	Specification ppm	Result	Per Unit	Method
Arsenic	< 2	0.357	ppm	ICP-MS USP <730>
Cadmium	< 0.5	0.069	ppm	ICP-MS USP <730>
Lead	< 2	0.004	ppm	ICP-MS USP <730>
Mercury	<0.1	<0.001	ppm	ICP-MS USP <730>

Microbiology:	Specification	Result	Per Unit	Method
Total Aerobic Microbial Count	< 10,000	< 10	CFU/g	USP <2021>
Coliform Count	< 10	< 3	MPN/g	FDA BAM
E. Coli Count	< 10	< 3	MPN/g	FDA BAM
Salmonella	Absent per 10 g	Absent	per 10 g	USP <2022>
Yeast	< 100	<10	CFU/g	USP <2021>
Mold	< 100	< 10	CFU/g	USP <2021>

Quality Unit Release Date: 6/18/2025

Released by:

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