

REV DATE 08/02/2011 KD

ORGANIC FOOD (GRAIN) ANALYTICAL STANDARDS

	AR 2016	AR 2017	AR 2018	AR 2019	AR 2020	AR 2022	AR 2025	AR 2026	AR 2027	AR 2028
	Soy Bean	Corn Gluten	Alfalfa	Wheat Flour	Rye Flour	Soy Protein	Corn Meal	Oat Meal	Barley Flour	Rice Flour
LECO® Part Number	501-561	502-272	502-273	502-274	502-275	Isolate	501-563	502-276	502-277	502-278
Current Lot #	42903	61201	41505	60801	52301	40102	51801	53001	80901	70501
Dried Basis Values										
Feed Analysis										
% Fat	1.74	0.78	4.3	0.96	1.18	0.5	1.85	4.24	1.86	0.34
% Crude Fiber	8.52	3.7	25	2.6	2.8	0.34	3.4	7.5	4.4	0.8
% Carbon	N/A	51.54	N/A	44.35	44.6	N/A	44.1	45.51	46.17	45.2
% Hydrogen	N/A	6.67	N/A	6.22	6.21	N/A	6.18	6.4	6.33	6.4
% Nitrogen	N/A	12.02	N/A	2.08	1.91	N/A	1.97	2	1.86	1.5
As Bottled Values										
Ultimate Analysis										
% Carbon	N/A	45.27	N/A	38.86	39.5	N/A	39.6	41.59	41.27	40.9
% Hydrogen	N/A	5.98	N/A	5.45	5.5	N/A	5.55	5.85	5.66	5.75
% Nitrogen	7.55	10.38	3.01	1.81	1.75	13.54	1.65	1.9	1.72	1.38
% Sulfur	0.38	0.85	0.27	0.13	0.13	0.58	0.14	0.16	0.13	0.12
% Moisture	5.82	10.42	N/A	12.38	11.41	5.21	10.19	8.63	10.61	9.5
Mineral Analysis										
% Calcium	0.37	0.11	1.38	0.05	0.05	0.2	0.5	0.14	0.05	0.07
% Magnesium	0.30	0.11	0.31	0.06	0.09	0.06	0.1	0.1	0.1	0.03
% Phosphorous	0.63	0.72	0.31	0.22	0.29	0.8	0.44	0.31	0.3	0.16
% Potassium	2.23	0.29	2.47	0.28	0.4	0.21	0.48	0.42	0.49	0.17
% Sodium	0.01	0.08	0.04	(.01)	<.01	0.99	0.08	0.035	<.01	<.01
PPM Boron	38	5	32	3	3	4	4	5	3	3.5
PPM Iron	158	279	427	84	73	141	102	170	75	65
PPM Zinc	54	178	30	30	31	41	84	40	25	14
PPM Copper	28	31	20	20	19	13	14	13	26	22
PPM Manganese	34	145	66	31	35	14	17	44	18	9
PPM Aluminium	102	82	279	14	14	19	27	24	49	6