



Consumables for Elemental Analyzers Consumables & Supplies Reference Cards New Instruments

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Organic Analytical Standards

Please note - We are a standards manufacturer, if there is a particular range you require that we do not offer please contact us at sales@alpharesources.com

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Last Updated: 6/28/17

	AR2016 Soy Bean	AR2017 Corn Gluten	AR2018 Alfalfa	AR2019 Wheat Flour	AR2020 Rye Flour	AR2021 Sucrose	AR2022 Soy Protein	AR2025 Corn Meal	AR2026 Oat Meal	AR2027 Barley Flour	AR2028 Rice Flour
Leco® Part Number	501-561	502-272	502-273	502-274	502-275	501-046	Isolate	501-563	502-276	502-277	502-278
Current Lot #	413B	61201	514F	60801	52301	C475905	40102	1012C	1216E	021810	715A
Dried Basis Values											
Feed Analysis											
% Crude Fat	2.11	0.78	3.1	0.96	1.18	NA	0.5	4.1	(5.51)	2.04	0.46
% Crude Fiber	3.79	3.7	23.1	2.6	2.8	NA	0.34	1.89	(7.97)	4.3	(0.32)
% Carbon	(45.24)	51.54	(44.37)	44.35	44.6	42.11	NA	(45.52)	NA	(43.51)	
% Hydrogen	(5.73)	6.67	(5.5)	6.22	6.21	6.48	NA	(45.52)	NA	(6.00)	
% Nitrogen	8.40	12.02	3.52	2.08	1.91	51.41	NA	1.20	NA	1.9	
As Bottled Values											
Ultimate Analysis											
% Carbon	(45.25)	45.27	(44.37)	38.86	39.5		NA	(45.52)	47.00	(43.51)	(45.38)
% Hydrogen	(5.73)	5.98	(5.5)	5.45	5.5		NA	(6.3)	6.67	(6.00)	(6.69)
% Nitrogen	(7.89)	10.38	3.52	1.81	1.75		13.54	(1.15)	2.03	NA	1.38

% Sulfur	(0.42)	0.85	0.27	0.13	0.13	0.58	0.10	0.16	0.12	0.12
% Moisture	(6.13)	10.42	(2.99)	12.38	11.41	5.21	(7.2)	(3.55)	6.3	(8.56)

**Mineral
Analysis**

% Calcium	0.33	0.11	1.81	0.05	0.05	0.2	0.05	(0.12)	0.04	<0.1
% Magnesium	0.32	0.11	0.34	0.06	0.09	0.06	0.11	0.16	0.13	(0.04)
% Phosphorous	0.72	0.72	0.28	0.22	0.29	0.8	0.29	0.42	0.38	0.14
% Potassium	2.47	0.29	2.22	0.28	0.4	0.21	0.46	0.42	0.44	0.11
% Sodium	(0.02)	0.08	0.05	(.01)	<.01	0.99	0.04	(159)ug/g	(0.01)	<0.01
PPM Boron	47	5	41	3	3	4	(1)	(2.7)ug/g	(1)	<1
PPM Iron	146	279	444	84	73	141	46	(150)ug/g	54	(41)
PPM Zinc	61	178	35	30	31	41	37	43ug/g	27	22
PPM Copper	38	31	51	20	19	13	16	37ug/g	25	112
PPM Manganese	39	145	55	31	35	14	8	62.2ug/g	15	18
PPM Aluminum	111	82	(129)	14	14	19	(125)	NA	NA	<10