



DDGS Quality Results

Quality	Oct 2018	Nov 2018	Dec 2018	Avg	Unit
Crude Protein	30.39	30.53	30.07	30.33	m/m%
Crude Fat	6.74	7.41	7.52	7.19	m/m%
Moisture	11.55	11.87	11.98	11.83	m/m%
NDF	29.46	29.57	29.56	29.52	%
Fiber	7.81	7.76	8.02	7.86	m/m%
ADF	9.46	10.39	10.41	10.04	m/m%
Ash	4.91	4.97	5.12	5.00	m/m%
Calcium	0.02	0.03	0.02	0.02	m/m%
Copper	5.26	5.25	5.33	5.28	ppm
Iron	67.15	79.14	77.26	73.95	ppm
Potassium	1.17	1.17	1.19	1.17	m/m%
Magnesium	0.32	0.31	0.31	0.31	m/m%
Manganese	13.05	12.98	12.83	12.96	ppm
Sodium	0.18	0.15	0.14	0.16	m/m%
Phosphorus	0.92	0.89	0.94	0.92	m/m%
Sulfur	0.65	0.61	0.67	0.64	m/m%
Zinc	68.83	66.22	66.78	67.39	ppm
Hunter Color	58.68	54.44	54.41	56.06	
Digestible Energy	1.60	1.59	1.60	1.60	Mcal/lb
Metabolizable Energy	1.34	1.35	1.34	1.34	Mcal/lb
Net Energy Gain	0.59	0.58	0.58	0.58	Mcal/lb
Net Energy Lactation	0.79	0.79	0.79	0.79	Mcal/lb
Net Energy Maintenance	0.88	0.87	0.87	0.87	Mcal/lb
Total Digestible Nutrients	75.55	74.86	75.17	75.22	m/m%
Aflatoxin	N.D.	0.41	0.03	0.17	ppb
Don	1.89	1.92	2.42	2.14	ppm
Fumonison	0.49	0.96	0.93	0.80	ppm
Zearalenone	152.50	166.00	182.50	166.92	ppb