



DDGS Quality Results

Quality	Nov 2018	Dec 2018	Jan 2019	Avg	Unit
Crude Protein	30.53	30.07	30.48	30.37	m/m%
Crude Fat	7.41	7.52	7.19	7.37	m/m%
Moisture	11.87	11.98	11.70	11.85	m/m%
NDF	29.57	29.56	30.03	29.72	%
Fiber	7.76	8.02	8.04	7.94	m/m%
ADF	10.39	10.41	10.27	10.36	m/m%
Ash	4.97	5.12	4.98	5.02	m/m%
Calcium	0.03	0.02	0.02	0.02	m/m%
Copper	5.25	5.33	5.52	5.36	ppm
Iron	79.14	77.26	71.73	76.04	ppm
Potassium	1.17	1.19	1.16	1.17	m/m%
Magnesium	0.31	0.31	0.31	0.31	m/m%
Manganese	12.98	12.83	13.15	12.99	ppm
Sodium	0.15	0.14	0.17	0.15	m/m%
Phosphorus	0.89	0.94	0.94	0.92	m/m%
Sulfur	0.61	0.67	0.68	0.64	m/m%
Zinc	66.22	66.78	67.95	66.98	ppm
Hunter Color	54.44	54.41	57.49	55.57	
Digestible Energy	1.59	1.60	1.60	1.60	Mcal/lb
Metabolizable Energy	1.35	1.34	1.34	1.34	Mcal/lb
Net Energy Gain	0.58	0.58	0.58	0.58	Mcal/lb
Net Energy Lactation	0.79	0.79	0.79	0.79	Mcal/lb
Net Energy Maintenance	0.87	0.87	0.87	0.87	Mcal/lb
Total Digestible Nutrients	74.86	75.17	75.16	75.06	m/m%
Aflatoxin	0.41	0.03	0.69	0.38	ppb
Don	1.92	2.42	1.94	2.15	ppm
Fumonison	0.96	0.93	0.64	0.84	ppm
Zearalenone	166.00	182.50	190.00	178.46	ppb