



Cumberland Valley Analytical Services

www.foragelab.com
 mail@foragelab.com
Mailing Address:
 P.O. Box 999
 Waynesboro, PA 17268

1-800-CVAS-LAB
 301-790-1980
UPS/FedEx Address:
 4999 Zane A. Miller Dr.
 Waynesboro, PA, 17268

Amounts Needed For Common Tests

Minimum amount needed grams of dried material	Haylage, Corn Silage, Small Grain Forages					Hays		
	Balage					Grains		
Dry Matter % (amount of original material needed)								
	30%	40%	50%	60%	70%	80%	90%	
NIR Packages								
NIR 1	11	36	27	22	18	16	14	12
NIR 2	12	39	29	23	19	17	15	13
NIR 3	16	54	40	32	27	23	20	18
NIR 4	21	70	52	42	35	30	26	23
NIR 5	13	43	33	26	22	19	16	14
Chemistry Package (Include reading on the NIR)								
Standard	20	68	51	41	34	29	25	23
CPM Plus	42	141	106	85	71	61	53	47
RFV	22	73	55	44	37	31	28	24
TAG								
1	26	87	66	52	44	37	33	29
2	27	91	68	55	46	39	34	30
3	27	91	68	55	46	39	34	30
4	26	86	64	52	43	37	32	29
Invitro Packages								
NDF Digestibility, per time point	8	26	20	16	13	11	10	9
Starch Digestibility	10	33	25	20	16	14	12	11
Basic RPE	10	35	26	21	17	15	13	12
Standard RPE	18	60	45	36	30	26	22	20
Tests Needing Original Material								
Mold	15g original material							
Yeast	15g original material							
CSPS	200g original material							
peNDF	200g original material							
Fermentation	30g original material							
Fermentation Plus	60g original material							
MSPE	20g original material							
Particle Size	200g original material							
Prince Mold Alcohol	50g original material							
Water	500 ml							
Prussic Acid	5g fresh, on ice, NOT frozen							



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Other Tests (when run alone)								
Dry Matter (Moisture)	12	39	29	24	20	17	15	13
Fatty Acid Profile	8	26	20	16	13	11	10	9
Urease Activity	7	23	17	14	11	10	9	8
CP	18	61	45	36	30	26	23	20
ADF	19	63	48	38	32	27	24	21
NDF	19	63	48	38	32	27	24	21
MIN	19	64	48	38	32	27	24	21
Lignin	20	66	49	40	33	28	25	22
Crude Fiber	22	73	55	44	36	31	27	24
Starch	19	62	47	37	31	27	23	21
Sugar	20	66	49	39	33	28	25	22
Fat	22	73	55	44	36	31	27	24
Ash	24	81	60	48	40	35	30	27
Nitrate	22	73	55	44	36	31	27	24
Other Tests (when added to a package)								
CP	0	1	1	1	1	1	0	0
ADF	1	4	3	2	2	2	2	1
NDF	1	4	3	2	2	2	2	1
MIN	1	5	4	3	2	2	2	2
Lignin	2	7	5	4	3	3	2	2
Crude Fiber	4	13	10	8	7	6	5	4
Starch	1	3	2	2	1	1	1	1
Sugar	2	5	4	3	3	2	2	2
Fat	4	13	10	8	7	6	5	4
Ash	6	21	16	13	11	9	8	7
Nitrate	4	13	10	8	7	6	5	4

To order supplies for sample submission, visit our website at www.foragelab.com
 or call us at **301-790-1980** or **1-800-CVASLAB**.