

SIERRA TESTING SERVICE
 9450 E. Collier Rd.
 Acampo, CA 95220
 (209) 333-3337

NIR ANALYSIS REPORT

SAMPLE NUMBER 1480
 SAMPLE TYPE Legume Hay and Fresh Forage*
 SAMPLE ID RER Alfalfa 4th
 DATE PROCESSED 10/10/2022

NAME Sierra Testing Service
 ADDRESS 9450 E Collier Rd
 Acampo, CA 95220
 stshaytest@gmail.com

	AS RECEIVED BASIS -----	-ANALYSIS- DRY MATTER BASIS -----	90% DM BASIS -----
MOISTURE, %	12.8	0.0	10.0
DRY MATTER, %	87.2	100.0	90.0
CRUDE PROTEIN, %	19.1	21.9	19.7
LIGNIN, %	5.1	5.9	5.3
ASH, %	8.4	9.6	
ACID DET. FIBER, %	24.6	28.3	25.4
NEUT. DET. FIBER, %	29.3	33.6	30.2
TDN EST., %	53.3	61.1	55.0
ENE EST., THERMS/CWT	45.0	51.6	46.5
NE/LACT, MCAL/LB	0.55	0.63	0.56
RFV		185.41	
PHOSPHORUS EST., %	0.33	0.37	
CALCIUM EST., %	1.38	1.59	
POTASSIUM EST., %	1.53	1.76	
MAGNESIUM EST., %	0.34	0.39	

QUALITY DESIGNATION	TDN(90%DM)	ADF(100%DM)
[] EXTRA PREMIUM	ABOVE 55.9	BELOW 27
[] PREMIUM	54.5-55.9	27-29
[] GOOD	52.5-54.5	29-32
[] FAIR	50.5-52.5	32-35

TDN is calculated from ADF using the California Western Hay Equation.