

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

NIR ANALYSIS REPORT

SAMPLE NUMBER 1554
 SAMPLE TYPE Legume Hay and Fresh Forage*
 SAMPLE ID RER 2nd Cutting
 DATE PROCESSED 03/15/2024

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, %	12.6	0.0	10.0
DRY MATTER, %	87.4	100.0	90.0
CRUDE PROTEIN, %	20.3	23.2	20.9
LIGNIN, %	5.2	5.9	5.3
ASH, %	10.3	11.7	
ACID DET. FIBER, %	24.0	27.4	24.7
NEUT. DET. FIBER, %	29.1	33.3	30.0
TDN EST., %	54.0	61.8	55.6
ENE EST., THERMS/CWT	45.6	52.2	47.0
NE/LACT, MCAL/LB	0.55	0.63	0.57
RFV		188.44	
PHOSPHORUS EST., %	0.34	0.39	
CALCIUM EST., %	1.30	1.49	
POTASSIUM EST., %	1.66	1.90	
MAGNESIUM EST., %	0.36	0.41	

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.