

SIERRA TESTING SERVICE
9450 EAST COLLIER ROAD
ACAMPO, CA 95220
TEL: (209) 333-3337 FAX: (209) 339- 9691



NEAR INFRARED ANALYSIS REPORT

SAMPLE NUMBER: 1481
 DESCRIPTION: RER Orchard-Alfalfa #9 3rd
 CUSTOMER NUMBER: 99999
 DATE PRINTED: 10/10/22

CLIENT NAME: Sierra Testing Service
 ADDRESS: 9450 E Collier Rd
 Acampo, CA 95220
 stshaytest@gmail.com
 PH(209)333-3337

| | As Received | 100% Dry Matter | | As Received | 100% Dry Matter |
|---------------------------------------|-------------|--------------------|---------------------|-------------|--------------------|
| | Basis | Basis | | Basis | Basis |
| MOISTURE % | 9.76 | 0.00 | | | |
| DRY MATTER % | 90.24 | 100.0 | | | |
| Protein | | | Energy (ADF) | | |
| CRUDE PROTEIN % | 17.09 | 18.942 | TDN % | 53.65 | 59.45 |
| | | | DE % | 1.033 | 1.14 |
| | | | NFC % | 22.02 | 24.40 |
| | | | NSC % | 11.61 | 12.86 |
| Fiber | | | | | |
| ADF% | 27.58 | 30.56 | | | |
| NDF % | 38.85 | 43.05 | | | |
| LIGNIN % | 5.16 | 5.16 | | | |
| FAT % | 3.22 | 3.57 | | | |
| ASH % | 10.87 | 12.05 | | | |
| ESC % (Ethanol Soluble Carbohydrates) | 7.19 | 7.97 | | | |
| WSC % (Water Soluble Carbohydrates) | 9.61 | 10.65 | | | |
| STARCH % | 2.00 | 2.22 | | | |
| RELATIVE FEED VALUE (RFV) | 126.93 | 140.66 | | | |
| RELATIVE FORAGE QUALITY (RFQ) | 121.59 | 134.74 | | | |
| DRY MATTER INTAKE (% BODY WT.) | 2.52 | 2.79 | | | |
| Minerals | | | | | |
| PHOSPHORUS (P) % | 0.24 | 0.27 | | | |
| CALCIUM (Ca) % | 0.59 | 0.65 | | | |
| POTASSIUM (K) % | 2.64 | 2.93 | | | |
| MAGNESIUM (Mg) % | 0.25 | 0.28 | | | |