



To: MOJO Seed Enterprises, LLLP
PO Box 1716
3799 CR22
Hereford, TX 79045

Account No.: 12557 (0)
Sampled By: MOJO Seed Enterprise
Sampled For: MOJO SEED ENTERPRISE

Product: 21-003 pearl Fresh Mason

Test Mode: N9
Feed Type: Small Grain Silage
Sub Type: Sorghum/sudan

| | |
|------------|--------|
| Moisture | 63.09% |
| Dry Matter | 36.91% |
| pH | 4.72 |

Sorghum/sudan silage statistics provided for comparison.

| | | <u>Dry Basis</u> | <u>Median</u> | <u>90% Range</u> |
|----------------|--------|------------------|---------------|------------------|
| Crude Protein | %DM | 8.21 | 9.70 | 5.06 - 16.00 |
| AD-ICP % of CP | %CP | 10.24 | 10.47 | 5.48 - 18.33 |
| ND-ICP w/SS | %CP | 19.85 | | |
| Protein Sol. | %CP | 24.00 | 43.76 | 21.38 - 61.00 |
| Ammonia-CP | %CP | 11.08 | 8.61 | 1.23 - 24.96 |
| ADF | %DM | 32.07 | 38.71 | 30.82 - 47.36 |
| aNDF | %DM | 45.73 | 57.63 | 45.66 - 68.15 |
| aNDFom | %DM | 44.43 | 53.73 | 41.55 - 64.53 |
| Lignin | %NDFom | 8.82 | | |
| NDFD12 | %NDFom | 31.40 | 33.70 | 19.20 - 43.20 |
| NDFD 24 | %NDFom | 50.51 | 49.12 | 31.15 - 62.62 |
| NDFD 30 | %NDFom | 53.68 | 51.78 | 34.58 - 65.92 |
| NDFD240 | %NDFom | 64.33 | 71.05 | 57.18 - 81.98 |
| uNDFom12 | %DM | 30.48 | 34.40 | 28.10 - 42.80 |
| uNDFom24 | %DM | 21.99 | 26.78 | 19.26 - 35.84 |
| uNDFom30 | %DM | 20.58 | 25.34 | 17.98 - 35.54 |
| uNDFom240 | %DM | 15.85 | 16.40 | 10.10 - 24.66 |
| Sugar (ESC) | %DM | 2.01 | 1.70 | 0.31 - 3.87 |
| Sugar (WSC) | %DM | 5.18 | 5.15 | 1.50 - 12.73 |
| Starch | %DM | 21.06 | 1.91 | 0.12 - 21.48 |
| Fat (EE) | %DM | 2.52 | 2.82 | 1.44 - 4.01 |
| TFA (fat) | %DM | 1.21 | 1.48 | 0.60 - 2.22 |
| 16:0 Palmitic | %TFA | 21.49 | 26.04 | 22.04 - 39.26 |
| 18:0 Stearic | %TFA | 0.83 | 2.36 | 0.78 - 8.33 |
| 18:1 Oleic | %TFA | 19.83 | 7.59 | 3.65 - 20.99 |
| 18:2 Linoleic | %TFA | 46.28 | 26.22 | 17.35 - 50.81 |
| 18:3 Linolenic | %TFA | 9.92 | 28.95 | 0.88 - 49.57 |
| Ash | %DM | 9.83 | 10.08 | 5.63 - 17.00 |
| Calcium | %DM | 0.24 | 0.42 | 0.23 - 0.77 |
| Phosphorus | %DM | 0.28 | 0.27 | 0.17 - 0.40 |
| Magnesium | %DM | 0.12 | 0.23 | 0.14 - 0.38 |
| Potassium | %DM | 1.98 | 2.04 | 1.01 - 3.48 |
| Sulfur | %DM | 0.12 | 0.13 | 0.09 - 0.22 |
| Lactic Acid | %DM | 2.26 | 4.37 | 1.05 - 7.44 |
| Acetic Acid | %DM | <0.01 | 0.92 | 0.12 - 2.52 |



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| | | | | |
|----------------|-----|-------|------|-------------|
| Propionic Acid | %DM | <0.01 | 0.25 | 0.06 - 0.47 |
| Butyric Acid | %DM | <0.01 | 0.27 | 0.03 - 1.51 |

Calculations

| | | |
|------------------------|------|--------|
| NFC | %DM | 36.95 |
| NSC | %DM | 26.24 |
| RFV | | 129.82 |
| RFQ | | 140.65 |
| NDF kd rate MIR_P1 | %/hr | 6.32 |
| Adjusted Crude Protein | %DM | 8.18 |

| | | <u>ADF</u> | <u>OARDC</u> | <u>MLK 2013</u> | <u>ISU Beef</u> |
|--------------|-----------|------------|--------------|-----------------|-----------------|
| TDN | %DM | 66.26 | 62.35 | 62.59 | 53.85 |
| Nel 3x | Mcal/cwt | 68.33 | 63.98 | 65.06 | |
| Neg | Mcal/cwt | 32.76 | 35.60 | 36.07 | 29.67 |
| Nem | Mcal/cwt | 58.71 | 61.84 | 62.36 | 54.91 |
| Milk per ton | lb/ton DM | | | 2907 | |
| Beef per ton | lb/ton DM | | | | 146.33 |

Billing Information

Sampled By: MOJO Seed Enterprise
Sampled For: MOJO SEED ENTERPRISE

Reference: 0903903
Date: 10/18/2021

Product: 21-003 pearl Fresh Mason

Sample No.: 001-2110-476384

\$29.50 N9-NIR COMPLETE

\$29.50 Total Invoice