



**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:** 21-010 Opal Fetsch Albri

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

Moisture 71.69%  
Dry Matter 28.31%  
pH 4.67

Sorghum/sudan silage statistics provided for comparison.

|                |        | <u>Dry Basis</u> | <u>Median</u> | <u>90% Range</u> |
|----------------|--------|------------------|---------------|------------------|
| Crude Protein  | %DM    | 6.99             | 9.70          | 5.06 - 16.00     |
| AD-ICP % of CP | %CP    | 11.45            | 10.47         | 5.48 - 18.33     |
| ND-ICP w/SS    | %CP    | 26.90            |               |                  |
| Protein Sol.   | %CP    | 14.88            | 43.76         | 21.38 - 61.00    |
| Ammonia-CP     | %CP    | 12.02            | 8.61          | 1.23 - 24.96     |
| ADF            | %DM    | 28.70            | 38.71         | 30.82 - 47.36    |
| aNDF           | %DM    | 44.08            | 57.63         | 45.66 - 68.15    |
| aNDFom         | %DM    | 42.64            | 53.73         | 41.55 - 64.53    |
| Lignin         | %NDFom | 7.58             |               |                  |
| NDFD12         | %NDFom | 29.32            | 33.70         | 19.20 - 43.20    |
| NDFD 24        | %NDFom | 42.94            | 49.12         | 31.15 - 62.62    |
| NDFD 30        | %NDFom | 46.60            | 51.78         | 34.58 - 65.92    |
| NDFD240        | %NDFom | 64.09            | 71.05         | 57.18 - 81.98    |
| uNDFom12       | %DM    | 30.14            | 34.40         | 28.10 - 42.80    |
| uNDFom24       | %DM    | 24.33            | 26.78         | 19.26 - 35.84    |
| uNDFom30       | %DM    | 22.77            | 25.34         | 17.98 - 35.54    |
| uNDFom240      | %DM    | 15.31            | 16.40         | 10.10 - 24.66    |
| Sugar (ESC)    | %DM    | 2.39             | 1.70          | 0.31 - 3.87      |
| Sugar (WSC)    | %DM    | 10.70            | 5.15          | 1.50 - 12.73     |
| Starch         | %DM    | 17.70            | 1.91          | 0.12 - 21.48     |
| Fat (EE)       | %DM    | 2.98             | 2.82          | 1.44 - 4.01      |
| TFA (fat)      | %DM    | 1.26             | 1.48          | 0.60 - 2.22      |
| 16:0 Palmitic  | %TFA   | 21.43            | 26.04         | 22.04 - 39.26    |
| 18:0 Stearic   | %TFA   | 2.38             | 2.36          | 0.78 - 8.33      |
| 18:1 Oleic     | %TFA   | 18.25            | 7.59          | 3.65 - 20.99     |
| 18:2 Linoleic  | %TFA   | 43.65            | 26.22         | 17.35 - 50.81    |
| 18:3 Linolenic | %TFA   | 12.70            | 28.95         | 0.88 - 49.57     |
| Ash            | %DM    | 8.11             | 10.08         | 5.63 - 17.00     |
| Calcium        | %DM    | 0.24             | 0.42          | 0.23 - 0.77      |
| Phosphorus     | %DM    | 0.24             | 0.27          | 0.17 - 0.40      |
| Magnesium      | %DM    | 0.12             | 0.23          | 0.14 - 0.38      |
| Potassium      | %DM    | 1.52             | 2.04          | 1.01 - 3.48      |
| Sulfur         | %DM    | 0.10             | 0.13          | 0.09 - 0.22      |
| Lactic Acid    | %DM    | 1.95             | 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  | 41.88  |
| NSC                    | %DM  | 28.40  |
| RFV                    |      | 140.30 |
| RFQ                    |      | 134.15 |
| NDF kd rate MIR_P1     | %/hr | 4.56   |
| Adjusted Crude Protein | %DM  | 6.83   |

|              |           | <u>ADF</u> | <u>OARDC</u> | <u>MLK 2013</u> | <u>ISU Beef</u> |
|--------------|-----------|------------|--------------|-----------------|-----------------|
| TDN          | %DM       | 67.30      | 65.84        | 62.00           | 54.00           |
| Nel 3x       | Mcal/cwt  | 69.49      | 67.87        | 67.30           |                 |
| Neg          | Mcal/cwt  | 33.12      | 39.56        | 34.82           | 29.73           |
| Nem          | Mcal/cwt  | 59.11      | 66.22        | 60.98           | 54.98           |
| Milk per ton | lb/ton DM |            |              | 2973            |                 |
| Beef per ton | lb/ton DM |            |              |                 | 146.81          |

**Billing Information**

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

**Reference:** 0924110  
**Date:** 12/9/2021

**Product:** 21-010 Opal Fetsch Albri  
\$29.50 N9-NIR COMPLETE

**Sample No.:** 001-2112-537753

**\$29.50 Total Invoice**