

# Certificate of Analysis



Certificate Number: 26-005401  
Report Date: July 07, 2026

**Client:**  
**ABSOLUTE ENERGY**  
1372 STATE LINE RD  
SAINT ANSGAR IA 50472  
UNITED STATES

**Sample Information:**  
**SGS Sample Identification:** MW26-04025.001  
**Client Sample Identification:** DDGS - WEEK 6/7 - 6/13/26  
**Received:** June 16, 2026  
**Sample/Product Type:** Distillers dried grains with solubles  
The sample condition upon arrival was acceptable for testing.

| Analysis        | Result | Units | L.O.Q. | Method                 |
|-----------------|--------|-------|--------|------------------------|
| Phosphorus      | 1.06   | %     | 0.0554 | ANA008CHEM             |
| Potassium       | 1.44   | %     | 0.0694 | ANA008CHEM             |
| Calcium         | 0.03   | %     | 0.0028 | ANA008CHEM             |
| Magnesium       | 0.36   | %     | 0.0209 | ANA008CHEM             |
| Zinc            | 52.95  | PPM   | 5.5556 | ANA008CHEM             |
| Manganese       | 14.76  | PPM   | 0.9778 | ANA008CHEM             |
| Copper          | 5.14   | PPM   | 2.7889 | ANA008CHEM             |
| Iron            | 64.40  | PPM   | 6.8889 | ANA008CHEM             |
| Sodium          | 0.35   | %     | 0.014  | ANA008CHEM             |
| Sulfur          | 0.75   | %     | 0.021  | ANA008CHEM             |
| Aflatoxin       | N.D.   | PPB   | 5      | AOAC-RI 050901         |
| Vomitoxin (DON) | 4.857  | PPM   | 0.5    | Neogen Veratox (ELISA) |

| Analysis             | As Received | On Dry Matter | Units  | Method                         |
|----------------------|-------------|---------------|--------|--------------------------------|
| Drymatter            | 88.09       | --            | %      | NFTA 2.2.2.5                   |
| Moisture             | 11.91       | --            | %      | NFTA 2.2.2.5                   |
| Crude ash content    | 5.122       | 5.815         | %      | AOAC 942.05 (mod)              |
| Crude Fat            | 5.32        | 6.04          | %      | AOAC 2003.06 (Petroleum Ether) |
| Crude Protein        | 30.58       | 34.71         | %      | ANA030CHEM                     |
| Total Starch Content | 1.808       | 2.053         | g/100g | AOAC996.11                     |

**Abbreviations:**  
**L.O.Q.:** Limit of Quantification    **L.O.D.:** Limit of Detection    **N/A:** Not Applicable    **N.D.:** Not Detected



Lynn Vansloten  
Laboratory Manager

**Start/End Analysis:** 06/16/2026 - 07/07/2026

**Method References:** ANA008CHEM: AOAC 2011.14; EN17053:2018; USP <2232>; EPA 200.7; AOAC 985.01  
ANA030CHEM: AACC 46-30.01, AOAC 992.15, AOAC 990.03

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