

Certificate of Analysis



Certificate Number: 23-010709

Report Date: November 03, 2023

Client:

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

Sample Information:

SGS Sample Identification: MW23-08199.001
Client Sample Identification: DDGS - WEEKLY 10-15-23/10-21-23
Received: October 25, 2023
Sample/Product Type: Distillers dried grains with solubles
The sample condition upon arrival was acceptable for testing.

Analysis	Result	Units	L.O.Q.	Method
Calcium	0.02	%	0.0028	ANA008CHEM
Copper	5.70	PPM	2.7889	ANA008CHEM
Iron	60.20	PPM	6.8889	ANA008CHEM
Potassium	1.14	%	0.0694	ANA008CHEM
Magnesium	0.36	%	0.0209	ANA008CHEM
Manganese	13.47	PPM	0.9778	ANA008CHEM
Sodium	0.27	%	0.014	ANA008CHEM
Phosphorus	0.94	%	0.0554	ANA008CHEM
Sulfur	0.49	%	0.021	ANA008CHEM
Zinc	51.75	PPM	5.5556	ANA008CHEM
Aflatoxin B1	N.D.	PPB	1	ANA012CHEM
Aflatoxin B2	N.D.	PPB	1	ANA012CHEM
Aflatoxin G1	N.D.	PPB	1	ANA012CHEM
Aflatoxin G2	N.D.	PPB	1	ANA012CHEM
Aflatoxin Summation	N.D.	PPB	1	ANA012CHEM
DON (Vomitoxin)	0.82	PPM	0.1	ANA012CHEM

Analysis	As Received	On Dry Matter	Units	Method
Starch Content	0.823	0.919	g/100g	AOAC996.11
Drymatter	89.55	--	%	NFTA 2.2.2.5
Moisture	10.45	--	%	NFTA 2.2.2.5
Crude ash content	4.618	5.156	%	AOAC 942.05 (mod)
Crude Fat	7.10	7.93	%	AOAC 2003.06 (Petroleum Ether)
Crude Protein	30.23	33.75	%	ANA030CHEM

Abbreviations:

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

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and/or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

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A blue ink signature of Dustin Edmison, written in a cursive style.

Dustin Edmison
Laboratory Manager

Start/End Analysis: 10/25/2023 - 11/03/2023

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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