

MINNESOTA VALLEY TESTING LABORATORIES, INC.

MVTL

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MEMBER
ACIL

MANURE ANALYSIS REPORT

SHANNON GOMES
CEDAR BASIN CROP CONSULTING
2258 SILENT BROOK RD
DECORAH IA 52101

Date Received: Oct 31 2016
Date Reported: Nov 1 2016

Account #: 036129
WO #: 17-10240
Lab #: 16-N11554

SAMPLE INFORMATION

Producer: KDS
Site Name:
Sample ID: 1

Animal Species: DAIRY
Site No:

| ANALYTE | ANALYSIS | | TOTAL NUTRIENTS | |
|--------------------|-------------|-----|-----------------|---------|
| | AS RECEIVED | | lbs/1000 gal | lbs/Ton |
| Moisture, Total | 96.1 | % | | |
| Nitrogen, Total | 0.22 | % | 18.4 | 4.4 |
| Ammonium-N | 0.12 | % | 10.0 | 2.4 |
| Nitrogen, Organic | 0.10 | % | 8.4 | 2.0 |
| Phosphorus as P2O5 | 0.10 | % | 8.4 | 2.0 |
| Potassium as K2O | 0.22 | % | 18.4 | 4.4 |
| Sulfur | 243 | ppm | 2.0 | 0.5 |
| Zinc | 19.4 | ppm | 0.2 | < 0.1 |
| Iron | 180 | ppm | 1.5 | 0.4 |
| Copper | 13.5 | ppm | 0.1 | < 0.1 |
| Manganese | 11.8 | ppm | 0.1 | < 0.1 |
| Calcium | 1680 | ppm | 14.0 | 3.4 |
| Magnesium | 604 | ppm | 5.0 | 1.2 |
| Sodium | 558 | ppm | 4.7 | 1.1 |

Approved by:



J. Joel Sieh
Feed Laboratory Manager