

ANALYSIS REPORT

Reprinted report

To: BOB BENTZINGER (ES)
SHEPHERD SPECIALTY PAPERS
PO BOX 64
WATERTOWN TN 37184
Fax: (615)237-3267

CC: KENT CRIPPS (E)

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Sample Number: L2010476-5

Receipt Date: 01/21/2020

Client: SHEPHERD SPECIALTY PAPERS

Report Date: 01/29/2020

Sample and Description

Analyses and Results

| | SVEZ : Salmonella VIDAS EASY SLM : per 25g | TCM3 : Total Coliforms : MPN/g | TPC : Aerobic Plate Count : cfu/g | TYM : Mold : cfu/g | TYM : Yeast : cfu/g |
|----------------------------------|---------------------------------------------------------------|-----------------------------------------------|--------------------------------------------------|-------------------------------|--------------------------------|
| 005 : ALPHA TWIST AT01120 | NEGATIVE | <3 | <10 | <10 | <10 |

* Estimated Count

Preliminary Count

Person responsible for report content: Katie Miller, Team Lead, Microbiology Laboratory

The test code located next to each assay is a method reference code. Results are for sample submitted only and apply to the sample as received. This report shall not be reproduced, except in its entirety, without the written permission of NP Analytical

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MI2020012908040027

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Sample No.: L2010476-5 **Receipt Date:** 01/21/2020
Report Date: 01/31/2020

ALPHA TWIST AT01120

| Test Code | Assay / Analyte | Result | Units |
|--------------|-------------------------------------------------|----------|-------|
| BI | Bismuth | | |
| | Bismuth | < 2.50 | ppm |
| MGF | Magnesium | | |
| | Magnesium | 76.08 | ppm |
| HG | Mercury, by Thermal Decomposition | | |
| | Mercury | < 0.025 | ppm |
| ICPHM | Heavy Metals via ICP-MS | | |
| | Arsenic | < 0.0500 | ppm |
| | Selenium | < 0.0500 | ppm |
| | Cadmium | < 0.0500 | ppm |
| | Lead | 0.0962 | ppm |
| ZNF | Zinc | | |
| | Zinc | < 1.00 | ppm |
| PESTP | Organophosphates and Chlorinated Pestic. | | |
| | Diazinon | < 0.0200 | ppm |
| | Disulfoton | < 0.0200 | ppm |
| | Ethion | < 0.0200 | ppm |
| | Malathion | < 0.0200 | ppm |
| | Methyl Parathion | < 0.0200 | ppm |
| | Parathion | < 0.0200 | ppm |
| | Thimet | < 0.0200 | ppm |
| | Thiodan | < 0.0200 | ppm |

Person responsible for report content: Karen Regina, Manager, Chemistry Laboratories.

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The symbol "<" or the words "less than" signifies that no analyte was measured at or above the stated lower limit of quantitation of the procedure under the conditions employed. The use of the symbol ">" or the words "greater than" signifies that the analyte was determined to be present in an amount greater than the stated level. Samples submitted to NP Analytical Laboratories for testing are retained for a minimum of thirty (30) days after the analysis report is issued when sample stability permits. Requests for extended storage must be made to NP Analytical Laboratories prior to or at the time of sample submission.

Sample No.: L2010476-5

Received: 01/21/2020

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Reported: 01/31/2020

ALPHA TWIST AT01120

| Test Code | Assay / Analyte | Result | Units |
|--------------|-------------------------------------------------|----------|-------|
| PESTP | Organophosphates and Chlorinated Pestic. | | |
| | Trithion | < 0.0200 | ppm |
| | Heptachlor Epoxide | < 0.0200 | ppm |
| | Heptachlor | < 0.0200 | ppm |
| | DDE | < 0.0200 | ppm |
| | Lindane | < 0.0200 | ppm |
| | Endrin | < 0.0200 | ppm |
| | Mirex | < 0.0200 | ppm |
| | Alpha-BHC | < 0.0200 | ppm |
| | Delta-BHC | < 0.0200 | ppm |
| | Aldrin | < 0.0200 | ppm |
| | Dieldrin | < 0.0200 | ppm |
| | DDT | < 0.0200 | ppm |
| | Chlordane | < 0.0200 | ppm |
| | Methoxychlor | < 0.0200 | ppm |
| | Beta-BHC | < 0.0200 | ppm |
| PCB | < 0.0500 | ppm | |
| AFTX | Aflatoxin screen, ELISA | | |
| | Aflatoxins | < 5.0 | ppb |

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