

MANUFACTURING SOLUTIONS CENTER



301 Conover Station SE; Conover, NC 28613

Norm Johnson
Alpaca Owners Association
8300 Cody Drive, Ste A
Lincoln, NE 68512

Received Date: October 19, 2018
Completed Date: October 24, 2018

REFERENCE:

TS 144728
Style: Huacaya Alpaca
Color: Black
Description: Alpaca Hair

Sample Type: Fiber
Sample Form: Clippings
Size: N/A

TEST RESULTS:

Antimicrobial Activity:

- ASTM Standard E2149-13a "Standard Test Method for Determining the Antimicrobial Activity of Antimicrobial Agents Under Dynamic Contact Conditions," ASTM International, West Conshohocken, PA, 2013, DOI: 10.1520/E2149-13A, www.astm.org.

This test is accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board. Refer to certificate and scope of accreditation L2238

Testing Results:

	Results: cfu/ml		
	Inoculum only 1hr	Sample 1hr Contact	Percent Reduction
• Escherichia coli ATCC 25922	2.35E+05	2.50E+05	-6.38%

Calculate % reduction to 100 (B-A)/B = R; section 12.8

Testing Information:

- Calculation is based on inoculum only after contact time.
- Escherichia coli ATCC 25922
- Growth media: Tryptic Soy Broth
- Sample weight: 1.0 g +/- 0.1g
- Sterilization: none
- Target inoc. Level: (1.5-3.0) x 10⁵ CFU/ml
- Wetting agent: none
- Inoculum carrier: 7.1 Phosphate buffer
- Contact time: 60min +/- 5min
- Solution activity: not observed
- Temperature: 35 +/- 2° C
- Samples are tested as submitted
- Samples are prepared and enumerated using automatic equipment; Tempo, BioMerieux.
- Cultures stored at 5° +/- 2°C.



Maria Curry
Antimicrobial Testing
MSC – Testing Lab
(828) 327-7000 ext. 4521

mcurry@manufacturingsolutionscenter.org
www.manufacturingsolutionscenter.org

The test results are based on the submitted sample(s) only. MSC/HTC's liability shall not exceed the fees paid for the testing reflected on this report. It is the customer's responsibility to ensure that they comply with all U.S. federal, state/ local laws & regulations. These tests are not to be used for marketing purposes without the express written consent of the Director of the Manufacturing Solutions Center at Catawba Valley Community College. The test report shall not be reproduced except in full, without written approval from MSC/HTC. All results will be kept confidential.