



Clinical Research Laboratories, Inc.

FINAL REPORT (CRL136602)

React Inc.

Date of Report: December 30, 2002

Revised 1/6/03: Correction made in conclusion

Standard Plate Count

Page 1 of 2

PURPOSE

The purpose of this study was to determine total counts for bacteria, yeast and molds.

STUDY DATES

This study was initiated on December 17, 2002 and was completed on December 23, 2002.

TEST MATERIALS

The following test materials were provided by React Inc. and were received by Clinical Research Laboratories, Inc. on December 17, 2002:

1. Cotton Unwashed
2. Cotton Washed All Natural Batch #2161

The test materials were coded with the following CRL identification numbers:

CRL136602-1 through CRL136602-2

TEST METHOD

The method employed was Clinical Research Laboratories, Inc., Standard Plate Count, Test Method #3 (Revised 7/20/00).

For each test material, 10 grams were transferred to a dilution tube containing 90 mL of Butterfields Phosphate Buffer (this is a 1:10 dilution) and was mixed. Two (2) different agars were used for bacterial and fungal assays, Trypticase Soy Agar with Lecithin and Polysorbate 80 (bacteria) and Sabouraud Dextrose Agar (yeast & mold). For each dilution, 1 mL was dispensed into four (4) petri dishes. The TSA plates were incubated at $36\pm 2^{\circ}\text{C}$ for at least 48 hours. The SDA plates were incubated at $25\pm 2^{\circ}\text{C}$ for a minimum of 4 to 5 days. After incubation, plates were observed for growth. Positive and Negative controls were performed.



Clinical Research Laboratories, Inc.

FINAL REPORT (CRL136602)

React Inc.

Date of Report: December 30, 2002

Revised 1/6/03: Correction made in conclusion

Standard Plate Count

Page 2 of 2

RESULTS

Standard Plate Count

CRL136602-1 Cotton Unwashed	Incubation Temperature & Duration	CFU/gram
Tryptic Soy Agar w/Lecithin & Polysorbate 80 (Bacteria)	36±2°C, 2 days	35
Sabouraud Dextrose Agar (Yeast and Molds)	25±2°C, 6 days	<10

CRL136602-2 Cotton Washed All Natural Batch #2161	Incubation Temperature & Duration	CFU/gram
Tryptic Soy Agar w/Lecithin & Polysorbate 80 (Bacteria)	36±2°C, 2 days	30
Sabouraud Dextrose Agar (Yeast and Molds)	25±2°C, 6 days	<10

CONCLUSION

The test materials, Cotton Unwashed (35 CFU/gram) and Cotton Washed All Natural Batch #2161 (30 CFU/gram), did exhibit low levels of bacteria.

The test materials, Cotton Unwashed and Cotton Washed All Natural Batch #2161, did not exhibit any detectable levels of yeast or mold.

Authorized Signatures:

Corrine Hunte
Microbiologist

Marc J. Shaffer
Vice President of Scientific Affairs