



Modular Cleanrooms, Inc.

BUILDERS OF QUALITY CLEAN ROOMS

Date 2/16/11

### Cleanroom Certification Report

**Introduction:**

The purpose of this report is to provide an evaluation of the Clean Room at the facility, 8000 E. Quincy Ave., Suite 300 Denver, CO 80237

The recorded data is indicative of the testing which was performed on 2/16/2011. The results presented in this report are to be considered indicative of the mechanical systems, facility design and process equipment as it relates to contamination problems and the integrity of the clean room areas as of the time and date tested.

**Test Equipment:**

Air Sampling (Particulate)	Manufacturer/Model #	Calibration Date
Laser Based Particle Counter	Met One A2408	7/10
Air Sampling (Velocity)		
Electronic Micromanometer	Shortridge 16 Point Sensor	7/10

**Summary Results:**

**Air Borne Particle Count Test:**

(Numbers represent total particles per cubic foot @ 0.5 microns and larger.)

Room Class 100

At Rest

Counts-----6	One Minute Samples
High-----16	Particles
Low-----0	Particles
Average ----- 4	Particles

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**Velocity Test:**

(Numbers represent velocity reading at each location in feet per minute)

Room Class 100

Readings-----12	Readings Taken
High-----142	Feet/Minute
Low-----89	Feet/Minute
Average-----115.5	Feet/Minute

**Conclusions and Recommendations:**

Room Class 100

Overall this cleanroom meets the criteria for a Class 100 environment in the "At Rest" condition, using the standards and guidelines set down in Federal Standard 209E.

Project Manager:

Ross Barrick

Project Technician:

Ross Barrick

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