Mr. Gregg Burnett Dust Free, Inc. 1112 Industrial Park Drive P.O. Box 519 Royse City, TX 75189-0519

Re: Germicidal Efficiency Tests on Micro Pure UV System Matrix Report #2678

## Test Procedure:

A Micro Pure UV Lamp was mounted in a clear plastic enclosure six (6) inches from the surface of a ten (10) x fourteen (14) inch air conditioning cooling cell. A diluted culture of Bacillus Thuringiensis (BT.) Bacteria was applied to the surface of the coil via spray application. Three (3) one (1) square inch swabs of coil surface were taken and cultured at the intervals listed below and colony forming units (CFU) were counted after incubation.

Test Results	Swab #1 CFU/ in <sup>2</sup>	Swab #2 CFU/ in <sup>2</sup>	Swab #3 CFU/ in <sup>2</sup>	Average CFU/in <sup>2</sup>	Percent Reduction CFU/in <sup>2</sup>
Before UV Light	11,600	8,200	9,300	9,700	
After 24 hrs. Exposure to UV Light	1,880	2,100	1,560	1,847	81
After 48 hrs. Exposure to UV Light	810	1,050	670	843	91

Respectfully submitted,

Gary E. Cude Professional Chemist