

## Study 42c

### Laboratory Summary

Four bed bug strains were used to measure mortality following exposure to DeltaDust®. Strain CIN-1 and NY-1 were previously determined to be highly resistant to pyrethroids. LA-1 was moderately susceptible to pyrethroids and Fort Dix was susceptible to pyrethroids. Adult bed bugs (3 replications of 20 bed bugs) were continuously confined to black filter paper treated with the test dust and mortality recorded daily. DeltaDust exposure resulted in 100% mortality to LA-1 and Fort Dix strains within 72 hours. For the NY-1 strain 100% mortality was recorded after more than 1 week but only 93% was recorded after 2 weeks for the CIN-1 strain.