

Public Health England Microbiology Services Porton Down Salisbury Wiltshire SP4 OJG

Biosafety Certificate No. 14/035

ESCO Airstream Class I (AC1-4E8) Biohazard Safety Cabinet

Tests to BS EN 12469:2000, Biotechnology- Performance criteria for microbiological safety cabinets

Report No. 14/035

Report Prepared For:

ESCO

Issue Date:

9th December 2014

Test Summary

The Biosafety Unit of Public Health England has undertaken extensive tests on the ESCO Airstream Class I (AC1-4E8) biohazard safety cabinet. The cabinet was found to meet the performance required by BS EN 12469:2000 for all the tests below

- (A) Air Velocity measurements and air flow Visualisation
- (B) Operator protection/containment tests using KI
- (C) Operator protection tests using bacterial spores
- (D) Filter integrity tests
- (E) Maintenance of temperature by the working cabinet
- (F) Acceptable noise levels during operation of the cabinet
- (G) Acceptable light levels during operation of the cabinet
- (H) Acceptable design of filter mountings and plenum

Testing Performed By

Name: Ms Anna Moy

Title: Biosafety Scientist

Authorised By

Name: Mrs Sara Speight

Title: Senior Biosafety Scientist

Please be aware that the use of the Royal Coat of Arms is highly restricted and cannot be copied. Please do not put the PHE logo on your website or use our name to endorse your products. Any reference to PHE needs to be approved by us before it can be used.