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**BIOSAFETY INVESTIGATION UNIT
QUALITY, SAFETY AND SCIENTIFIC RESOURCES DIVISION**

TEST REPORT

DESCRIPTION OF EQUIPMENT: Eppendorf Sealed Rotor(FA 45-30-11) **PAGE 1 OF 4**

TEST: Biocontainment Testing of Centrifuge Rotor - IEC 1010-2-020 (Annex AA).

COMMERCIAL IN CONFIDENCE

REPORT PREPARED FOR: Eppendorf
Barkhausenweg 1
D-22339
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REPRESENTATIVE: Mr Sven Bulow

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OPERATOR	WRITTEN BY	OPERATING HEAD	DATE
			31/1/97

DISCUSSION

The FA 45-03-11 sealed rotor contained the microbial challenge under a worst case challenge scenario. There was no evidence of any significant microbial aerosol produced as any airborne micro-organisms detected were well within background levels. There was no evidence of any micro-organisms crossing the rotor seal. Therefore, if the centrifuge and are operated and maintained according to the manufacturers' instructions they should not generate microbial aerosols.

REFERENCES

Decker, H. M., Buchanan, L. M., Frisque, D. E., Filler, M. E. and Dahlgren, C. M. (1969). Advances in large-volume air sampling. *Contamination Control* August , 13-17.

IEC 1010-2-020. (1993): Safety requirements for electrical equipment for measurement, control and laboratory use. Part 2. Particular requirements. Section 2.20 Specification for laboratory centrifuges. BS 7687: Section 2.20 : Annex AA.

The rotor FA-45-30-11 belongs to the Centrifuge family 5804/ R and 5810/ R.