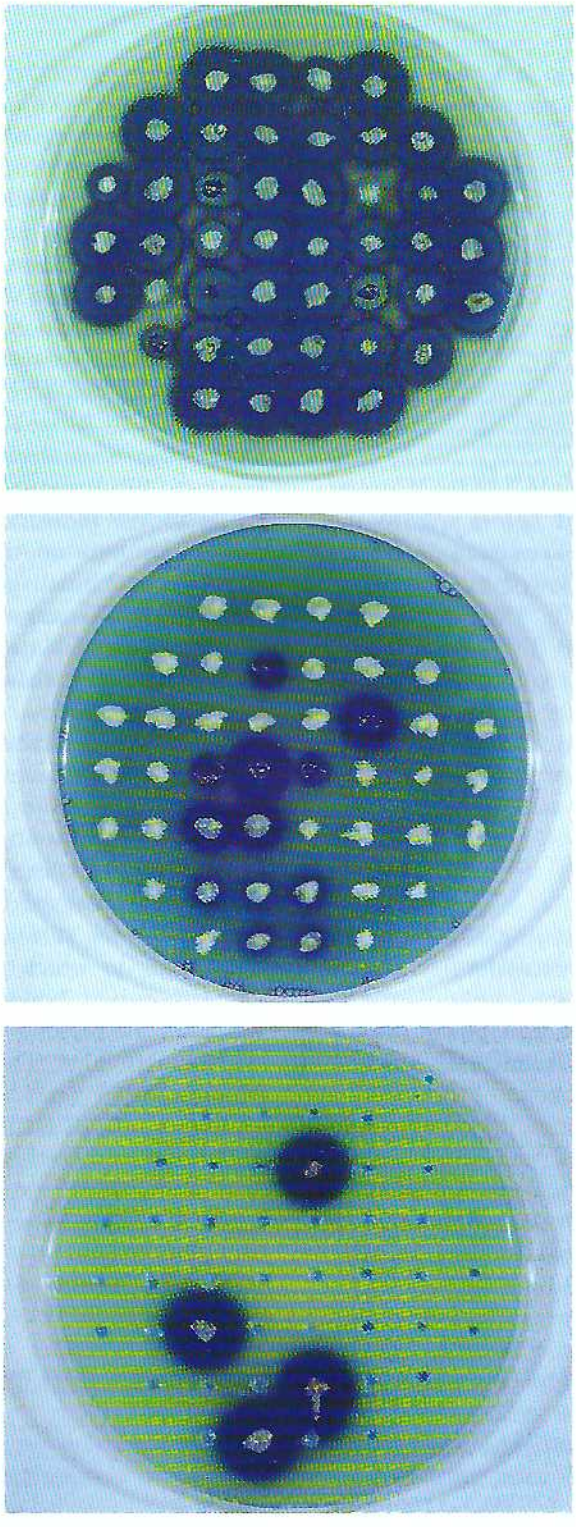

Fig. 2. Typical results of assays for killer activity in (a) transformed killer-negative variants of strain T 158 C, (b) in the laboratory (killer-sensitive) strain AH 215 and (c) in the industrial (killer-sensitive) strain AS- 4/H2. Each petri dish contains the selection medium (pH 4.7) plus the super-sensitive strain S 6-1. Transformed cells (transferred with a sterile toothpick onto the surface of the indicator plate) are indicated by a zone of growth inhibition of the super-sensitive cells bounded by a ring of dead cells (visualised by using 0.03% methylene blue). The width of the rings of the inhibition zone and of the dead cells indicate the strength of killer activity.