

TABLE 6
PRESUMPTIVE *BACILLUS ANTHRACIS*
IDENTIFICATION AND SIMILAR ORGANISMS

TEST	<i>B.anthraxis</i>	<i>B.cereus</i>	<i>B.cereus</i> var <i>mycoides</i>	<i>B.thuringiensis</i>	<i>B.megaterium</i>	<i>B.subtilis</i>
β-hemolysis on SBA	-	+	-	+	-	V (64%)
Motility	- (0%)	+ (99%)	V (63%)	+	V (42%)	V (84%)
Capsule	+	-	-	-	- (+inrarevariants)	- (+inrarevariants)
Ureahydrolysis	- (0%)	V (26%)	V (25%)	+ (weak)	V (47%)	V (47%)
Nitrate Reduction	+ (100%)	V (89%)	V (89%)	+	- (10%)	V (89%)
Oxidase	V (87%)	V (63%)	V (25%)	V	V (42%)	V (61%)
Indole	- (0%)	- (0%)	- (0%)	-	- (0%)	- (0%)
Cellwidth >1.0micron	+	+	+	+	+	-
Gamma Phage Lysis	+	-	-	-	-	-