

<b>Laboratory Tests</b>	<b>Our Soil Organism Results</b>
Gram Reaction	inconclusive
Glucose Fermentation	+
Sucrose Fermentation	+
Lactose Fermentation	+
Starch Hydrolysis (SA)	-
Casein Hydrolysis (SMA)	+
Gelatin Hydrolysis	-
DNA Hydrolysis	-
Lipid Hydrolysis (TRB)	-
Methyl Red (MR)	-
Voges-Proskauer (VP)	+
Citrate Test	-
SIM Medium	-/-/-
Nitrate Reduction	-
Urease	-
Triple Iron Sugar (TSI)	K/A
Blood Agar	$\alpha$ -hemolysis
Mannitol Salt Agar (MSA)	+
Phenylethyl Alcohol Agar (PEA)	+
Catalase	-
6.5% Salt Tolerance Test	-
Bile Esculin Test	+
Bacitracin/Opticin Susceptibility	Resistant/Resistant
Oxidase	-
MacConkey Agar (MAC)	-
Eosin Methylene Blue (EMB)	-
Hektoen Enteric Agar (HE)	-
Decarboxylation Test (arginine/lysine/ornithine)	-/-/-
Phenylalanine Deaminase	+
Motility	-
Antimicrobial Sensitivity	Susceptible
Disinfectant Sensitivity	Resistant to isopropyl alcohol