Results of EC25 bacteriological tests

Test Result

Gram staining Gram-negative, short rods

Motility in 0.35% agar Positive

Growth at 43oC 0.325% H3BO3 Positive

Hemolysis Gamma (non-hemolytic)

Gelatin liquefaction Negative

Indole production Positive

Catalase Positive

Oxidase Negative

-galactosidase Positive

Lysine decarboxylase Positive

Urease Negative

DNAse Negative

Production of H2S Negative

Acetate utilization Positive

Citrate utilization Negative

Nitrate utilization Positive

D-arabinose fermentation\* Positive

D-glucose fermentation\* Positive

Fructose fermentation\* Positive

Inositol fermentation\* Negative

Lactose fermentation\* Positive

D-mannitol fermentation\* Positive

D-sorbitol fermentation\* Positive

Sucrose fermentation\* Positive

\*On McConkey agar