

Table 1: API 50 CH fermentation patterns of the six selected LAB isolates.

Test substance	Isolate no.					
	17	33	1	34	35	16
Control	-	-	-	-	-	-
Glycerol	-	-	-	-	-	-
Erythritol	-	-	-	-	-	-
D-Arabinose	-	-	-	-	-	-
L-Arabinose	-	-	+	+	-	+
D-Ribose	+	-	+	-	+	+/-
D-Xylose	-	-	-	-	-	-
L-Xylose	-	-	-	-	-	-
D-Adonitol	-	-	-	-	-	-
Methyl-D-xylopyranoside	-	-	-	-	-	-
D-Galactose	+	-	+	+	+	+
D-Glucose	+	+	+	+	+	+
D-Fructose	+	+	+	+	+	+
D-Mannose	+	-	+	+	+	+
L-Sorbose	-	-	-	-	-	-
L-Rhamnose	-	-	-	-	-	-
Dulcitol	-	-	-	-	-	-
Inositol	-	-	-	-	-	-
D-Mannitol	-	-	+	+/-	-	+
D-Sorbitol	-	-	-	-	-	-
Methyl-D-mannopyranoside	-	-	-	-	-	-
Methyl-D-glucopyranoside	-	-	-	-	-	-
N-acetylglucosamine	+	+	+	+	+	+
Amygdaline	-	-	-	-	-	-
Arbutine	+	-	+	+	+	+
Esculin	+	+	+	+	+	+
Salicin	+	-	+	+	+	+
D-Celiobiose	+	+	+	+	+	+

D-Maltose	+	+	+	+	+	+
D-Lactose	+	+	+	+	+	+
D-Melibiose	-	-	+	+	-	+
D-Saccharose	-	+	+	+	-	+
D-Trehalose	+	-	+	+	+	-
Inulin	-	-	-	-	-	-
D-Melezitose	-	-	-	-	-	-
D-Raffinose	-	-	-	-	-	-
Amidon	-	-	-	-	-	-
Glycogen	-	-	-	-	-	-
Xylitol	-	-	-	-	-	-
Gentiobiose	+	-	+	+	-	+
D-Turanose	-	-	-	-	-	-
D-Lyxose	-	-	-	-	-	-
D-Tagatose	+	+	+	+	+	-
D-Fucose	-	-	-	-	-	-
L-Fucose	-	-	-	-	-	-
D-Arabitol	-	-	-	-	-	-
L-Arabitol	-	-	-	-	-	-
Potassium gluconate	-	-	-	-	-	-
2-Keto-gluconate	-	-	-	-	-	-
5-Keto-gluconate	-	-	-	-	-	-

(+) positive; (+/-) weakly positive; (-) negative.

API 50 CH STRIPS



Figure 1 Isolate no. 17 (code= 83)



Figure 2 Isolate no. 33 (code= 9)



Figure 3 Isolate no.1 (Code= 16A)



Figure 4 Isolate no. 34 (Code= 38)



Figure 5 Isolate no. 35 (Code= 72)



Figure 6 Isolate no.16 (Code= 35A)