

TABLE A.1. CO₂ production during fermentation, residual glucose and fructose concentrations and concentrations of the main fermentation products at the end of the fermentation of *S. bacillaris* strains in MS300.

Strain	CO ₂ /100mL			Glucose (g/L)	Fructose (g/L)	Glycerol (g/L)	Acetic acid (g/L)	Ethanol (%v/v)
	48 h	312h	624h					
FRI719	0.03±0.00a	1.59±0.25ab	3.63±0.58a	87.24±3.50abc	21.33±9.08a	5.58±0.02b	0.39±0.09ab	4.70±0.21abc
FRI728	0.01±0.01a	1.06±0.02a	2.97±0.10a	84.93±3.10abc	32.94±1.20a	4.77±0.31c	0.28±0.03b	4.16±0.24c
FRI729	0.22±0.03b	1.58±0.12ab	3.12±0.24a	90.40±0.35a	29.07±1.16a	6.04±0.15b	0.42±0.03a	4.45±0.14bc
FRI751	0.26±0.04b	1.81±0.29b	3.28±0.51a	80.63±4.82c	22.66±3.68a	5.72±0.20b	0.38±0.05ab	4.53±0.11abc
FRI754	0.24±0.02b	1.64±0.07b	3.11±0.08a	91.50±0.01a	31.52±0.57a	5.89±0.30b	0.29±0.01b	4.48±0.12abc
FRI779	0.24±0.02b	1.85±0.07b	3.60±0.12a	89.76±1.81ab	22.02±2.07a	7.06±0.12a	0.34±0.02ab	5.25±0.18a
FRI7100	0.27±0.04b	2.00±0.27b	3.74±0.50a	82.88±0.85bc	20.19±8.46a	7.16±0.19a	0.33±0.03ab	5.21±0.60ab

Data are expressed as the average of three replicates ± standard deviations. Different letters indicate significant differences between values (Tukey's test, $p < 0.05$).

TABLE A.2. CO₂ production during fermentation, residual glucose and fructose concentrations and concentrations of the main fermentation products at the end of the sequential fermentation of *S. bacillaris* strains with EC1118 in MS300.

Strain	CO ₂ /100mL			Glucose (g/L)	Fructose (g/L)	Glycerol (g/L)	Acetic acid (g/L)	Ethanol (%v/v)
	48 h	312h	624h					
EC1118	1.16±0.04a	8.48±0.20ab	9.44±0.13a	0.00±0.00b	0.00±0.00b	6.23±0.32c	0.51±0.02ab	14.04±0.07a
FRI719	0.00±0.00e	8.82±0.12ab	9.43±0.06a	1.39±0.34ab	3.74±1.77ab	7.66±0.11bc	0.52±0.01a	13.57±0.24a
FRI728	0.00±0.00e	7.49±0.42b	9.20±0.06b	0.00±0.00b	0.00±0.00b	7.14±0.34bc	0.48±0.01abc	13.52±0.37ab
FRI729	0.18±0.01d	8.12±0.54ab	8.74±0.11c	1.81±0.80ab	3.67±2.28ab	7.41±0.08bc	0.46±0.01bc	12.12±0.51c
FRI751	0.00±0.00e	9.09±0.32a	9.38±0.03ab	0.00±0.00b	0.00±0.00b	9.45±0.67a	0.47±0.03abc	12.51±0.06c
FRI754	0.33±0.01b	8.55±0.05ab	8.80±0.01c	3.32±2.33a	2.87±1.70ab	8.46±1.20ab	0.45±0.04c	12.54±0.66bc
FRI779	0.00±0.00e	9.11±0.24a	9.38±0.08ab	4.44±1.16a	3.64±1.41ab	8.59±0.66ab	0.51±0.03ab	12.21±0.25c
FRI7100	0.24±0.03c	8.16±0.90ab	8.75±0.09c	4.85±1.63a	4.54±2.25a	8.03±0.55ab	0.44±0.01c	11.59±0.26c

Data are expressed as the average of three replicates ± standard deviations. Different letters indicate significant differences between values (Tukey's test, $p < 0.05$).