

TABLE 2. Potassium pool levels in cells treated with acetate and benzoate^a

Growth condition	Total K ⁺ (mM)	Bound K ⁺ (mM)	Free K ⁺ (mM)
Control	483 ± 23	229 ± 19	254 ± 42
8 mM acetate	492 ± 33	248 ± 17	244 ± 50
2 mM benzoate	492 ± 25	252 ± 7	240 ± 32

^a Cells were grown to exponential phase, and samples were taken for K⁺ analysis as described in Materials and Methods. The data are means ± standard deviations from four replicate experiments.