

TABLE 12. *Steady-state levels of CoA esters and of pyridine nucleotides in growing Clostridium kluyveri*^a

CoA ester or pyridine nucleotide	mM ^b	Ratio
CoASH	0.24	
CoAS-SCoA	0.02	
Dephospho-CoA	0.02	
Acetyl CoA	0.92	
Other acyl CoA	0.96	
Total CoA derivatives	2.12	
Acetyl CoA/CoA		3.8
NAD ⁺ ^c	12.56	
NADH ^c	3.36	
NADP ⁺	0.98	
NADPH	1.40	
NADH/NAD ⁺		0.27
NADPH/NADP ⁺		1.42

^a From Decker et al. (130, 131).

^b Calculated from original data (moles per gram of dry cells) assuming 2.5 ml of cytoplasmic space per g of dry cells (see Riebeling et al. [529]).

^c For levels of nicotinamide adenine dinucleotides in *Clostridium welchii* and in facultative bacteria growing under anaerobic and aerobic conditions see Wimpenny and Firth (711) and London and Knight (379).