

Temperature Dependence of pH for Commonly Used Buffers

Temperature Dependence of pH for Commonly Used Buffers.

Buffer System	pK _a /20°C	ΔpK _a /10°C
MES	6.15	-0.110
ADA	6.60	-0.110
PIPES	6.80	-0.085
ACES	6.90	-0.200
BES	7.15	-0.160
MOPS	7.20	-0.013
TES	7.50	-0.200
HEPES	7.55	-0.140
Tricine	8.15	-0.210
Tris	8.30	-0.310
Bicine	8.35	-0.180
Glycylglycine	8.40	-0.280

Reference

Good, N.E. (1986) *Biochemistry* **5**, 467.