LIST OF ABBREVIATIONS

AO  Acridine Orange
A   Absorbance
Å   Angstrom
°C  Degree Centigrade
DNA  Deoxyribonucleic Acid
dDNA  Denatured DNA
EB  Ethidium Bromide
M   Molar
mg  Milligram
μμ  Millimicron
μ   Micron
μmho  Micromho
μμμF  Micromicro Farad
PF  Proflavine
pF  Picofarad
RNA  Ribonucleic Acid
Tm  Midpoint of the denaturation curves expressed in °C
UV  Ultraviolet
%  Percentage
CONVENTIONS USED

α          Cole-Cole parameter
β           Davidson-Cole parameter
e           dielectric constant
e"=e"-ie"   complex dielectric constant
e'          real component dielectric constant
e"          imaginary component dielectric constant (dielectric loss factor)
e₀          low-frequency (static) dielectric constant
e₀          high-frequency dielectric constant
Δε=ε-ε₀     dielectric increment
f(Hz)       frequency (cycle per second)
μ            dipole moment
ω           angular frequency ( = 2πf)
σ            conductivity
σ₀          low-frequency conductivity
σ₀          high-frequency conductivity
τ            relaxation time