

amc technical briefs

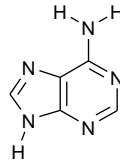
Editor: Michael Thompson An

food authenticity analysis. Although these methods are often classed as being in the real world

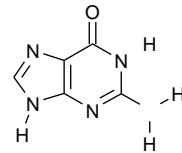
plant, micro-organism and animal cell and carries genetic information from one generation to the next. Segments of DNA that carry genetic information are called 'genes'. Genes determine the nature of the cell, control cell growth and division, and direct the biosynthesis of enzymes and other proteins required for cellular function. In cells

DNA is organised into, 172619 214.82043 33m (DNA is orga 168.27206 34649970.001 DNA is organis 19 148.6m) Tjc5 211.45094 32nd o

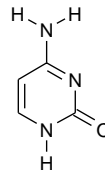
different heterocyclic amine bases in deoxyribonucleotides. Two are substituted purines (adenine and guanine), and two substituted pyrimidines (cytosine and thymine). Adenine, guanine and cytosine also occur in RNA, but thymine is replaced in RNA by a different pyrimidine called uracil.



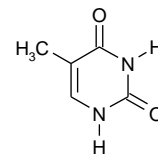
Adenine



Guanine

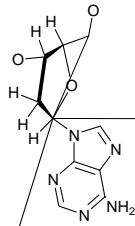
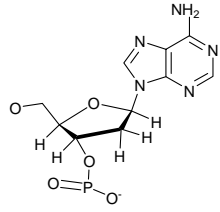


Cytosine



Thymine

Nucleotides join together in DNA by forming a phosphate ester 903.48.Tm2 993.48.Tm2



NO NH