

Index

A

ATR

[4.2: Specialized Infrared Methods](#)

attenuated total reflectance spectroscopy

[4.2: Specialized Infrared Methods](#)

B

Beer's law

[1.2: Beer's Law](#)

bioluminescence

[3.7: Other Luminescent Methods](#)

C

CCD

[1.3C: Detectors](#)

chemiluminescence

[3.7: Other Luminescent Methods](#)

cold vapor method

[6.2C: Specialized Atomization Methods](#)

conjugation

[2.2: Effect of Conjugation](#)

D

detectors

[1.3C: Detectors](#)

Dynodes

[1.3C: Detectors](#)

E

effective bandwidth

[1.2: Beer's Law](#)

electrothermal atomization

[6.2B: Electrothermal Atomization – Graphite Furnace](#)

emission spectrum

[3.4: Excitation and Emission Spectra](#)

evaporative light scattering detection

[2.6: Evaporative Light Scattering Detection](#)

excitation spectrum

[3.4: Excitation and Emission Spectra](#)

F

fluorescence quantum yield

[3.5: Quantum Yield of Fluorescence](#)

fluorometer

[3.3: Instrumentation](#)

frequency domain

[4.3: Fourier-Transform Infrared Spectroscopy \(FT-IR\)](#)

FTIR

[4.3: Fourier-Transform Infrared Spectroscopy \(FT-IR\)](#)

I

Inductively Coupled Plasma (ICP)

[6.2D: Inductively Coupled Plasma](#)

infrared spectroscopy

[4.1: Introduction to Infrared Spectroscopy](#)

ionization suppression agent

[6.4A: Chemical Interferences](#)

L

laser

[1.3A: Radiation Sources](#)

M

matrix effects

[6.2B: Electrothermal Atomization – Graphite Furnace](#)

monochromator

[1.3B: Monochromators](#)

N

nebulization

[6.2A: Flames](#)

O

optical pumping

[1.3A: Radiation Sources](#)

P

photodiode array

[1.3C: Detectors](#)

Photomultiplier Tubes

[1.3C: Detectors](#)

population inversion

[1.3A: Radiation Sources](#)

protecting agent

[6.4A: Chemical Interferences](#)

R

releasing agent

[6.4A: Chemical Interferences](#)

resonance Raman spectroscopy

[5: Raman Spectroscopy](#)

S

saturated transition

[1.3A: Radiation Sources](#)

SERS

[5: Raman Spectroscopy](#)

standard addition

[6.4B: Accounting for Matrix Effects](#)

stimulated emission

[1.3A: Radiation Sources](#)

Stokes lines

[5: Raman Spectroscopy](#)

T

time domain

[4.3: Fourier-Transform Infrared Spectroscopy \(FT-IR\)](#)

triboluminescence

[3.7: Other Luminescent Methods](#)

turbidimetry

[2.6: Evaporative Light Scattering Detection](#)

V

virtual state

[5: Raman Spectroscopy](#)