

一、 Spectral Interference and Elimination

It is caused by adjacent line emissions when the test element and interferential element have nearly the same wavelength and

fail to be resolved. This interference mainly comes from light source and atomic instrument, it mostly includes the following

types:

**1. Adjacent line near analytical line can't be separated by the monochromator**

This interference may be eliminated by adjusting slit.

**2. Adjacent line emission when the test substance and interference have nearly the same wavelength and fail to be resolved by the**

**monochromator.**

This interference may be eliminated by using other high quality lighters.

**3. Continuously background radiation in the lighter**

This interference may be eliminated by adjusting slit or using other high quality lighters.

二、 Physical Interference and Eliminating

The physical interference is caused from unevapored droplets, finely particales, nebulization efficiency.

This interference may be eliminated by which controlling the composition of the sample liquid closely sameness with that of standard solution.

Outline of this page: Spectral Interference and Elimination.

Thinking subject of this page: Which parts of instrument are related to Spectral Interference?

Thinking subject of next page: What are chemical interference? And how to eliminate?