

## Appendix A. Supplementary data

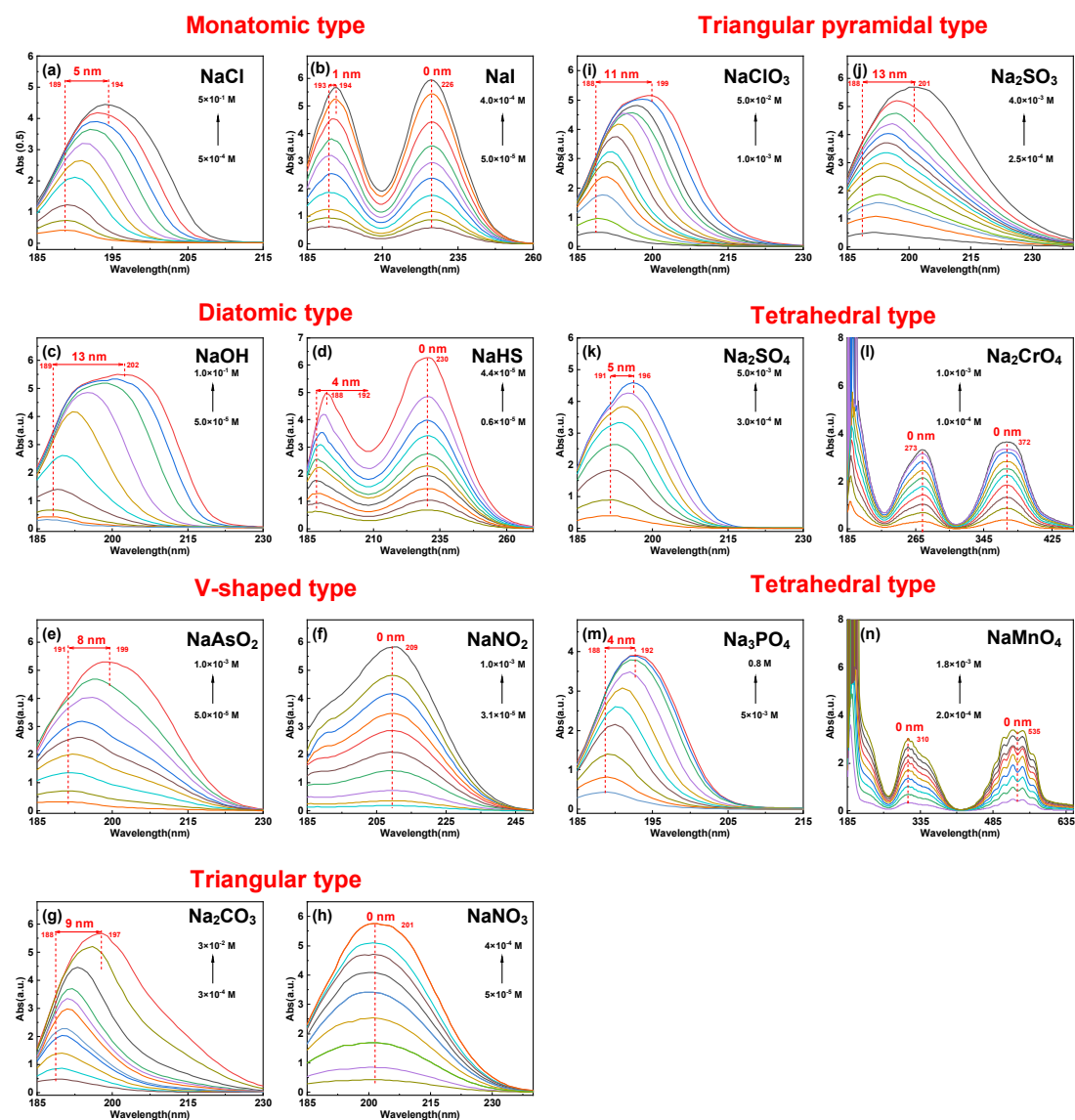


Fig. A.1. The absorption spectra of various anions with concentrations increase.

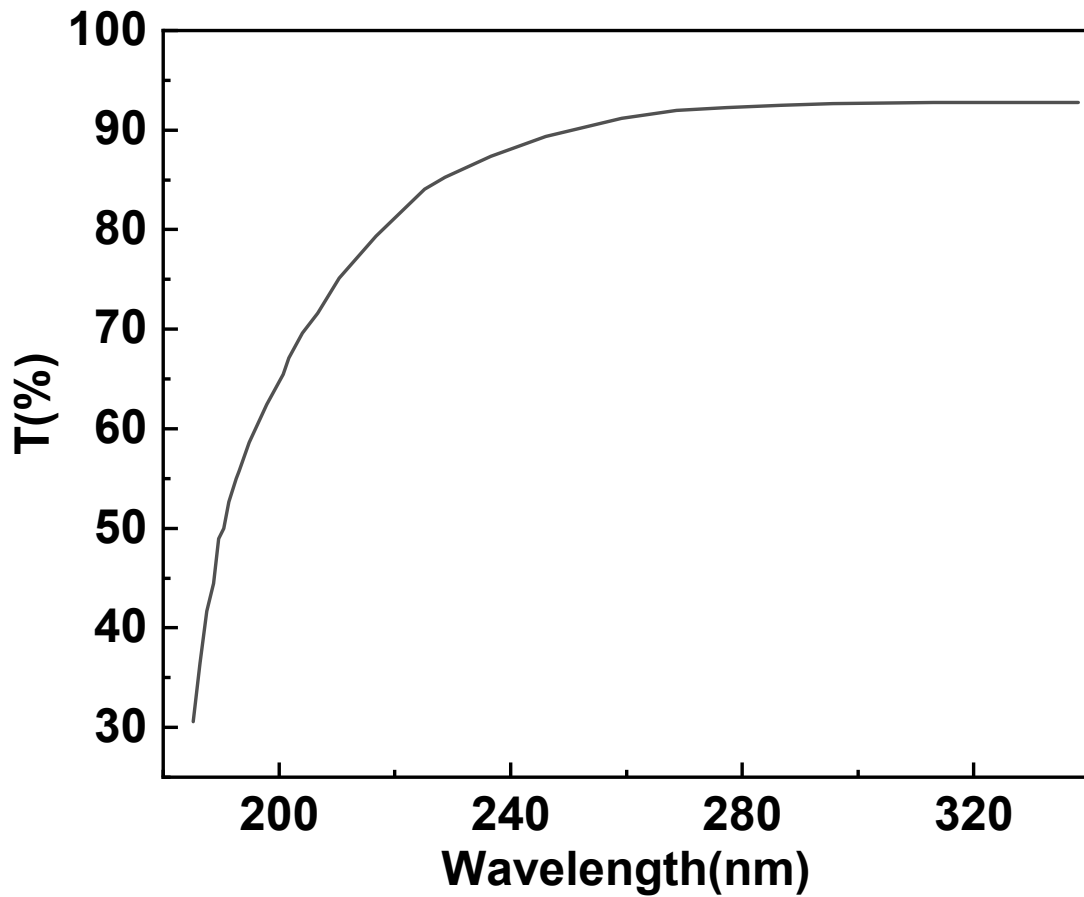


Fig. A.2. Transmittance of UV glass to different wavelengths of light.

The data are from the technical specifications for deuterium lamps.

([https://www.hamamatsu.com.cn/content/dam/hamamatsu-photonics/sites/documents/99\\_SALES\\_LIBRARY/etd/D2lamps\\_TLS1017E.pdf](https://www.hamamatsu.com.cn/content/dam/hamamatsu-photonics/sites/documents/99_SALES_LIBRARY/etd/D2lamps_TLS1017E.pdf))