

UV-VISIBLE SPECTROSCOPY

MANUFACTURER : Thermo Electron Corp.

MODEL : Evolution 300

Analysis

- Possible analysis: ammonia, COD (chemical oxygen demand), color, cyanide, sulfide/hydrogen sulphide,...
- Wavelength range: 190 - 1100 nm
- Photometric range: > 4 A
- Photometric accuracy (or absorbance accuracy): 1A: ± 0.004 A; 2A: ± 0.006 A; 3A: ± 0.012 A
- Stray light : 198 nm: < 1.0% T (2A), KCl, EP, June 2005; 220 nm: <0.02% T NaI; 340 nm: < 0.005% T NaNO₂

Application

- Quantitative analysis on various matrix (water, flux)