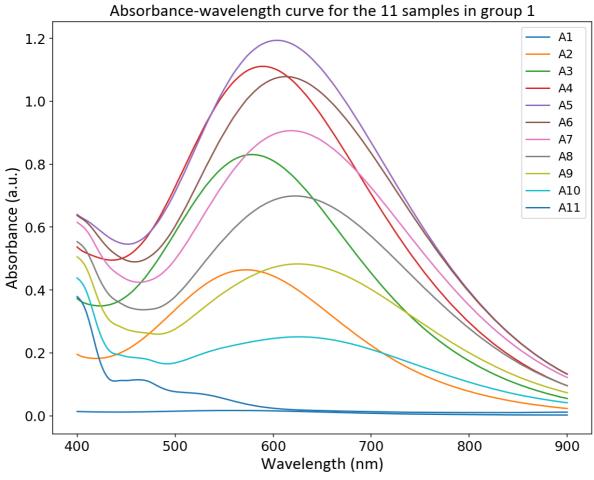
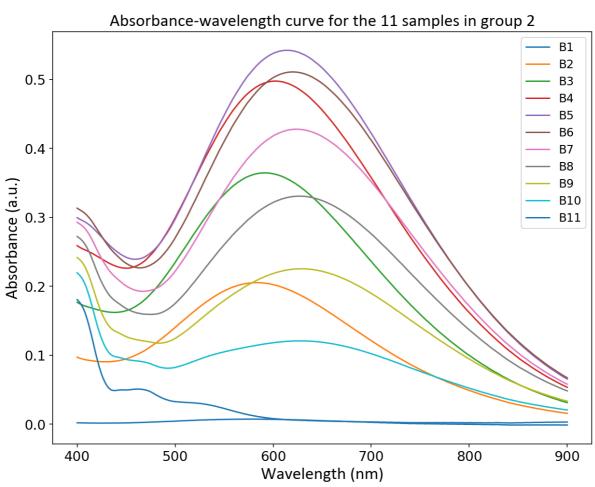
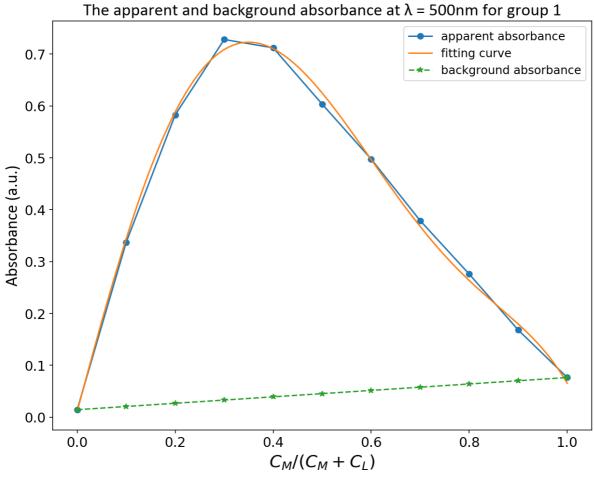
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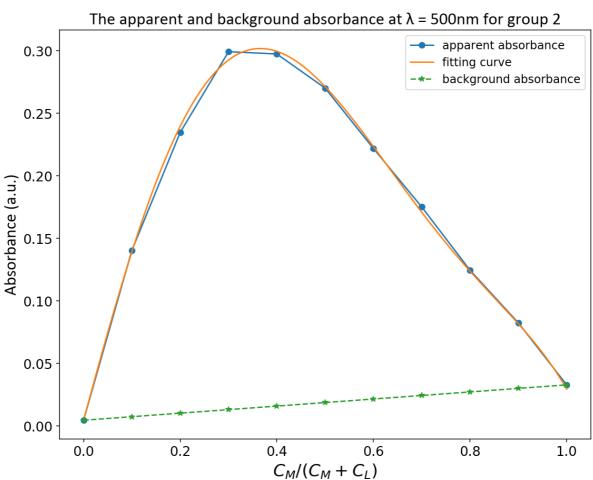




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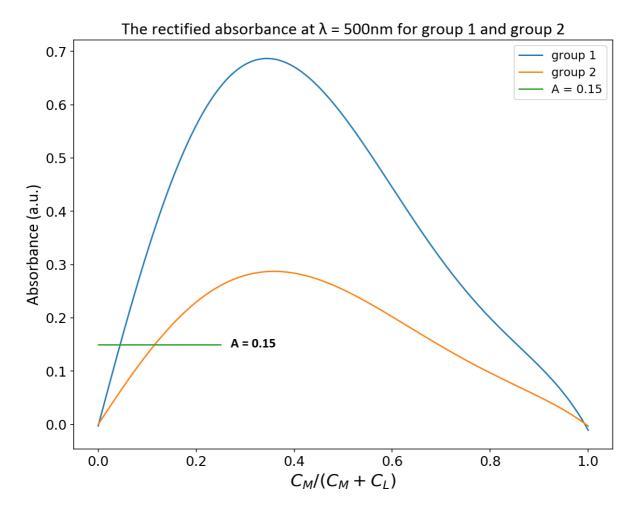
## 未校正的吸光度 ( $at \lambda = 500nm$ )





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## 已校正的吸光度 (at $\lambda = 500nm$ )



由上图可知,校正后的吸光度在  $C_M/C_M+C_L=0.35$  取到最大值,所以  $n=C_L/C_M=1/0.35-1=1.857\approx 2$ .

做 A=0.15 的水平线与两曲线分别交于 x=0.0448, x=0.1154 再根据方程

$$K = rac{y}{(C_{M1} - y)(C_{L1} - ny)^n} = rac{y}{(C_{M2} - y)(C_{L2} - ny)^n}$$

代入数据解得:  $y = 0.02109 \; mmol$ , $K = 8.5 \times 10^7 \; mol^{-2} \; L^2$