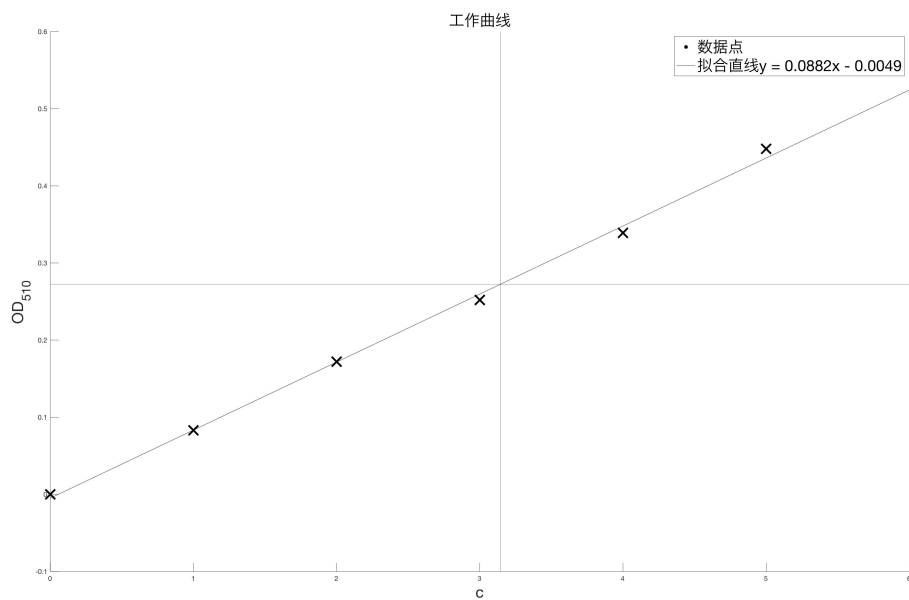


λ	OD_{λ}
430	0.265
450	0.306
470	0.363
490	0.397
495	0.402
500	0.408
505	0.417
508	0.42
510	0.422
515	0.418
520	0.403
540	0.234
560	0.08
580	0.033
600	0.016

取 $\lambda = 510 \text{ nm}$



c	OD ₅₁₀
0	0
1	0.083
2	0.172
3	0.252
4	0.339
5	0.448

OD₅₁₀=0.2725 时, 相对 c=3.14512

每 3.5 mL 样品含 $3.14512 \text{ mL} \times 0.010 \text{ mg/mL} = 3.1451\text{E-}2 \text{ mg Fe}$

第二次稀释总 Fe 2.2465 mg

第一次稀释总 Fe 28.081 mg

即样品含 Fe 28.081 mg

Fe 含量为 $28.081/255.6 = 10.99\%$